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THE INDUSTRIOUS HEN

AN ILLUSTRATED MONTHLY
DEVOTED TO
PURE BRED POULTRY



Published Monthly
By
THE INDUSTRIOUS HEN
COMPANY
Knoxville Tenn.



America's Best Wyandottes—White and Buff

Stock for Sale at all times. Eggs in season.

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GEM STRAIN
WORLD'S BEST**

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Barred, White and Buff Rocks, W. Wynadottes, S. C. B. Leghorns, Buff Orpingtons, etc., from pure bred healthy birds. Safe delivery guaranteed.

C. H. MANLEY, St. Johns, Mich.

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Champion Prize Winners in Alabama Shows. Winning more prizes than any other breeder in 1904-5; 500 head choice breeding and exhibition stock from \$1.00 up. Eggs from best pens at half price \$1.50 per 15. Agent for Conkey's Roup Cure and Cornell Incubators and Brooders.

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OF THE SOUTHERN STATES

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Will contain the names of breeders of Standard Fowls in every section of the South, so classified that you can determine at a glance what each one breeds, also shippers of market eggs and fowls. As an advertising medium it offers you every facility for increasing your sales in the best section of the country, now free from promiscuous competition. Price of the Book, Ready September 1st, \$1.00

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High in quality. The best of layers. Winners leading prizes, Hagerstown, Atlanta, Louisville, Charlotte, Richmond shows for past 5 years. You will be pleased with White Minorcas, and I would like to send you catalog.

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Eggs for hatching from high grade Single and Rose Comb R. I. Reds, Barred P. Rocks, White Wyandottes, Lt. Brahmas, S. C. B. Minorcas, Single Comb White and Brown and Rose Comb Brown Leghorns. Eggs \$1.00 per 15; \$6.00 per 100. Send for free catalogue.
C. B. HUFF, Box 2, Bridgeville, N. J.

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The money making crop. Easily grown. Room in your garden to grow hundreds of dollars worth annually. Plant now. Literature free. Write today. **BUCKINGHAM'S GINSENG GARDEN, Dept. B, Zanesville, Ohio.**

THE Industrious Hen

Devoted to Every Interest of the Poultryman, Live Stock Breeder and Small Farmer

Vol. 2

Knoxville, Tenn., September, 1905

No. 4

AN OPEN LETTER—H. E. BRANCH, Chalk Level, Mo.

IT IS just about time for a family row. I have read with great interest your able article in July issue. It is pertinent and full of meat—just such an article as intelligent people delight in. What I object to is the third paragraph and especially the first sentence: "The restrictions of the subject are such that we eliminate from the discussion the fancier, the man to whom we owe all the pure bred stock that we now have, etc."

I deny that the fancier, pure and simple, is capable of es-

tern product and is *not* engaged in writing poultry fame as I will show. We owe *all* our pure breeds to the skillful, painstaking, expert breeder and his every step was guided by reason and was taken for a well-defined purpose. He gave us pure breeds before the fancier was born and those old breeds today are the ones that are winning out in the poultry industry instead of the fancier's fowl as I will clearly show. China had the Cochin and Brahma, England the Dorkings, France the Creve Ceour, La Fleche, and Houdan, Germany the Laken-



DON'T BELIEVE IN THE POULTRY BUSINESS.

tablishing pure bred type. I have quoted from standard dictionaries, Addison, Goldsmith, Shakespeare, and last week Norman Hapgood, editor of Collier's, a man of scholarly attainments, gave us an editorial on "Fads and Fancies," contrasted to "the real." Fancy without skill is helpless. Fancy compared to skill is a dimpled, rosy-cheeked, sparkling-eyed child in short dresses, compared to the ripe, luscious fruitage of magnified, glorious, noble womanhood, the finished product of skill directed by intelligence. Had fancy alone nursed the child it would never have reached womanhood.

The chicken fancier, as we understand the term, is a mod-

felders, and Southern Europe has had the Mediterraneans so long "the memory of man runneth not to the contrary." The usefulness and type of some of these breeds have been greatly injured by the fancier. I have a photo of an ideal Cochin cock taken forty years ago. That fellow could have taken a five barred grate with ease and was a useful fowl. But the fancier got hold of him, robbed him of his activity and vigor, shortened his neck, lowered his head, knocked his tail down, bred his legs off, poured a bag of "yaller" feathers on the child of his fancy, took first at Chicago and sold it for \$200.00. In the language of M. M. Johnson, "Greatest layer on earth!—laid

around all the time." A practical breeder wouldn't be caught dead with such an object.

But the reader may say I am prejudiced, hence I'll introduce the testimony of a fancier, Mr. John Rumbold, secretary American Light Brahma Club, in July *Poultry Gazette*, of Nebraska: "In the early days the Light Brahmas were much longer in neck and leg than those of the present day. They were with their longer bodies and legs, more active than many of the present type, earlier and better layers." If they laid earlier they matured quicker and gave greater profit. In other words Mr. Rumbold tells us the fancier has impaired the functions and usefulness of the Brahma, yet he says, "The Light Brahma is the highest, grandest achievement of the American fanciers' effort and skill." The Brahma was once popular and largely raised but is a small factor in poultry culture today. The Langshan is the peer of Asiatic fowls today, the product of skilled breeding and a late importation. The type is more uniform—better bred—than the fanciers' Brahma. So far it hasn't fallen a prey to the fanciers' "effort and skill" and it is all the better for it. Let the fancier deepen its keel, shorten its neck, lower its head, knock its tail down, breed its legs off, reduce its egg capacity, and he can boast another monument to his skill(!). The Brahmas, Buff and Partridge Cochins, Partridge Wyandottes, Barred and White Rocks are the especial pets of the fancier. Bred to the "standard of perfection" with its rigid weight clause, with its elastic attachment demanding excessive weight, they are unknown on the market and are mere ciphers as factors in poultry progress as verified by poultry statistics.

Advertisements show the trend of progress and the force of public demand. Twenty years ago the Barred Plymouth Rock was very much in evidence, but double mating and abnormal weights have destroyed type and impaired usefulness and are rapidly pushing him to the rear. Draw a line along the eastern boundary of Illinois to the Ohio River, follow it to southern boundary of Pennsylvania and thence east to the Atlantic and the little corner you cut off is peculiarly fanciers' territory, and cuts small ice in poultry statistics. As states, Iowa, Missouri and Illinois lead the van in products. I have taken the pains to classify the advertisements of Rocks and Mediterraneans as found in Hewes' paper, *The Inland*, on fanciers' territory; Heck's, bordering fancy land; *INDUSTRIOUS HEN*, representing the South, and *Poultry Herald*, representing the North and the West. The reader must keep in mind the fact that Mediterraneans are usually kept in larger flocks than other breeds. I took the Rock breeds because they lead all others in the fancy field, and also because Brahmas, Cochins and Partridge Wyandotte are too few in number to seriously reckon with. In display advertisements in *The Inland*, I find, Rocks, 59; Mediterranean, 19; classified cards, Rocks, 19; Mediterranean 6. Heck's paper, Rocks, 67; Mediterranean, 59. *INDUSTRIOUS HEN*, Mediterraneans, 39; all other breeds, 30. *Poultry Herald*, display, Mediterraneans, 23; Rocks, 21; classified cards, Mediterranean, 46; Rocks, 40. The reader will perceive and also duly notice that the farther he gets from fancyland the greater

the dominance of the Mediterraneans. The fancier for a long time misled the amateur breeder with shrewd advertisements, but common sense is getting on the right perch at last. To show the change that has taken place in Missouri will say that fifteen years ago Rocks and Rock grades composed, I presume, ninety per cent of the chicks of the state. Today I feel safe in saying that 50 per cent or more are Mediterraneans and their popularity is constantly increasing. Flocks of 200 to 700 are quite common, while I know one flock of 1,200 hens, pure bred. In fact, the mongrel has run its day. Another thing the thoughtful reader will glean from facts given is, you can't reduce activity in chickens without impairing their usefulness.

The present standard is the child of the fancier and is an actual detriment to the skilled, practical, pure breeder. It is a fallacy to regard the fancier as the father of pure breeding. Intelligent pure breeding consists in fixing definite market requirements and its standard will be designed to intensify market traits. The old guard may die but it never surrenders.

SPEND YOUR MONEY AT HOME.

JNO. A. MURKIN, JR., NASHVILLE, TENN.

Hundreds and thousands of dollars are annually sent out of the South to the North and East for standard bred poultry,

eggs, and poultry supplies. What is the matter with Southern breeders and Southern poultry enterprises? Can't we use the money down here just as well as the people in the North and East can use it? When you talk home trade remember it applies to the poultry industry as well as other lines of mercantile business.

Remember what Abraham Lincoln

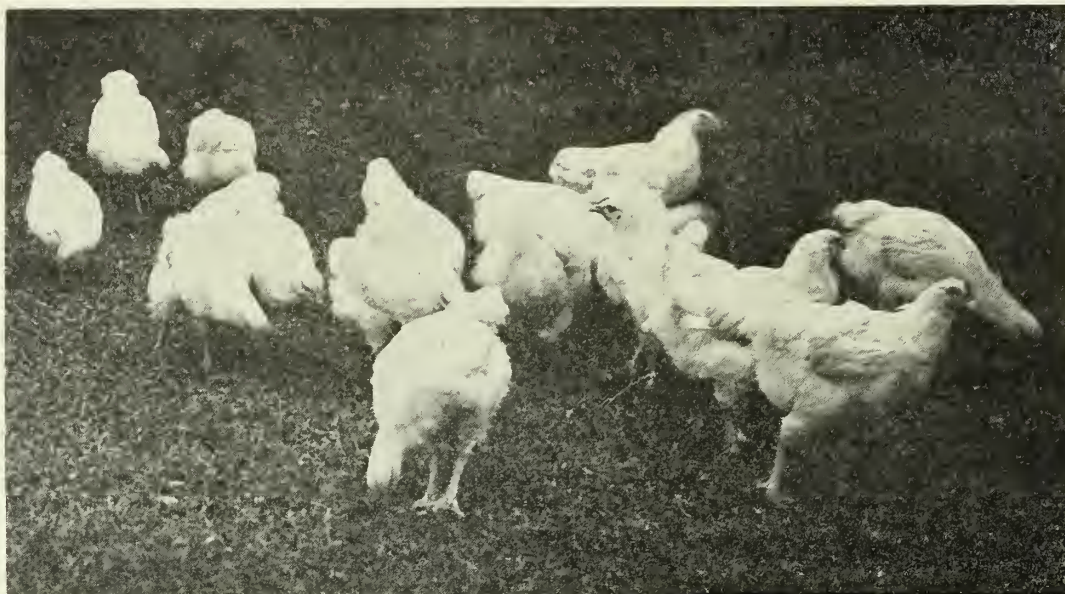
said about trading at home: "If you spent \$1,000 in Europe for steel rails, Europe has the money and we have the rails; but if you spend \$1,000 in America for steel rails, we have both the steel rails and the money." This applies to every county, town and hamlet in the South just the same as it does to foreign countries.

Let's all boost for the South, by trading at home, and building up our poultry industry. Just as good birds and just as good eggs here as any where else on earth.

INCREASE IN RATES.

Owing to the large increase in the circulation of the *Industrious Hen* we are compelled to increase our advertising rates from the 1st of January, 1906. Subscribers have been coming in clubs, single file, platoons, companies and regiments, and although we printed a large number of extra copies, our August issue was entirely exhausted by the 15th.

The new rates will go into effect January 1, 1906. All contracts made prior to that date will be filled at the present rate. Send for rate card.



A GROUP OF WHITE ROCK YOUNGSTERS.
W. M. Bunch & Sons, Petros, Tenn.

CULLING THE YOUNGSTERS—F. J. Marshall, Associate Editor, Atlanta, Ga.

HE judicious culling of our young stock is an art that all do not possess. Especially is this the case when we undertake the job before the stock is fully matured. Many a fine specimen has been sold too cheap or sent to the block simply because it was culled before it had had time to develop the inherent good qualities it possessed but had not had time to bring to the surface. There seems to be no time to be set when one may begin to cull a flock of youngsters, for the condition of each individual specimen at the time the culling is attempted has all to do with its acceptance or rejection. Some varieties can of course be culled at a much earlier age than can others. For example the Mediterranean breeds mature so early that they can be selected in most cases at an age when it would be utterly impossible to select a specimen of the American breeds. To be sure there are cases when, for example a Leghorn cockerel may not have his tail out or his comb straightened out as it should or would be a month later than the balance of the brood. In cases like these it is well to let such doubtful ones have the benefit of the doubt and not sacrifice them.

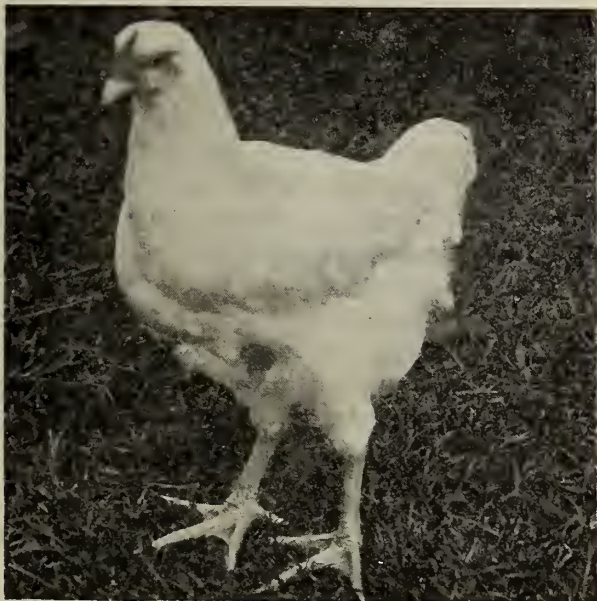
The first culling should be for disqualified or deformed specimens and the like. Feathers or down on the smooth

to be a possible show bird. In that way you will be getting him fitted up with full furnishings.

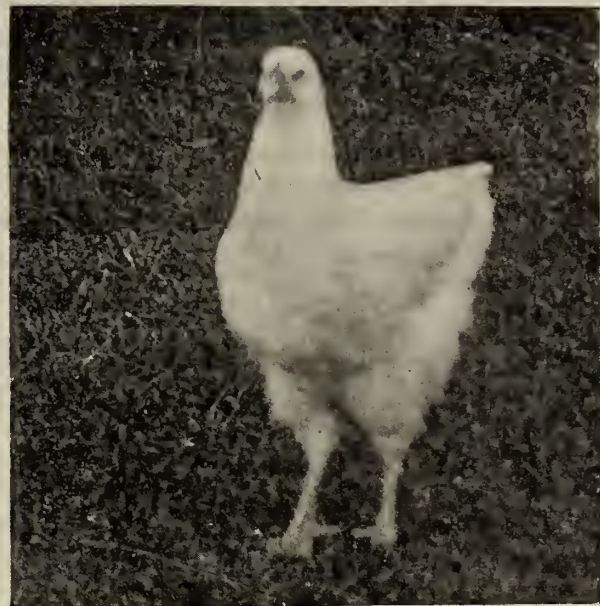
I want it understood, however, that I do not advocate keeping a whole lot of scrubs around to eat their heads off waiting for something that will never come. This is true in the matter of males, for the pullets can be made to pay their way as they go along.

Barred Rocks are a hard variety to cull closely until they are pretty well developed, as they make so many changes in color and form as they grow older. To be sure we can see many a fine looking chick long before he is grown and we think we know all about what he will make and perhaps we do. But there are many other cases where an otherwise fine bird develops an ugly tail or fails to carry his wings in place, or the tails grow out to show a lot of white that puts him away back as first class specimen. As a rule there are not nearly so many changes in the development of the female as there is in the male.

Their furnishings and carriage are much plainer and for that reason the changes are not nearly so uncertain. Many a plain looking hen tailed Barred Rock cockerel has been sold by an amateur just at the time when he was getting ready



A FOUR MONTHS OLD WHITE PLYMOUTH ROCK.
W. M. Bunch & Sons, Petros, Tenn.



A THREE MONTHS OLD WHITE PLYMOUTH ROCK.
W. M. Bunch & Sons, Petros, Tenn.

legged varieties, single combs on the rose or pea combed varieties and so on along the line, except white in chicks of black breeds where it will as a rule moult out when the chick has gotten its mature coat of feathers.

For example the Black Minorca will have enough white tips in its wing feathers to scare the beginner clear out of business. If his chicks are from good stock that has been bred to feather carefully to avoid the white or gray most of such specimens will shed the white.

For that reason it is wise to wait for the time to come for such a change and then if it does not come let them go to the block.

Some one says how am I to know when my chicks have their adult feathers? You can tell them by the shape of the wing feathers at the ends; the first feathers are sharp at the tip while those of the mature plumage are blunt or rounded at the tip. Sometimes a part of the chick feathers stick tightly to the wing after a long enough time for the wing to be fully furnished. In that case it is often advisable to remove these stickers carefully that the balance may come at the right time. This is specially essential where the specimen is good enough

to throw his main tail feathers and grow a hackle that would be a credit to him. Do not be in a rush to get rid of the cockerels that are slow to finish their furnishings if they are fine otherwise. Those are the very ones to knock the high persimmons at the shows later on. They get more body, do not as a rule have as much comb or tail as the one developing rapidly.

My plan has always been to cull and keep on culling as fast as they developed so that I was sure of what I was doing.

Before I leave you this time I want to say that I am with your worthy editor on the Southern Poultry Association question tooth and toe nail. Looks like a good thing. To regulate the shows if for no other purpose. It is doing the breeders an injustice to say nothing of the judges to crowd the shows of a state or community all into a few weeks time many of them on the same dates. At least crowding in so that they can not be attended by the same breeders.

Ten cents will secure the Hen for twelve months if received by September 30.

The Industrious Hen

DEVOTED TO EVERY INTEREST OF THE

Poultryman, Live Stock Breeder and Small Farmer

Entered at the Knoxville Postoffice as second-class matter.

J. HOWARD SLEDD Editor

ASSOCIATE EDITORS.

F. S. BULLINGTON, *Breeder* Richmond, Va.
 F. J. MARSHALL, *Expert Judge* Atlanta, Ga.
 D. M. OWEN, *Expert Judge* Athens, Tenn.
 J. S. JEFFREY West Raleigh, N. C.
 H. E. BRANCH Chalk Level, Mo.
 And a staff of contributors unequaled by any periodical of its class.

Published Monthly by

The Industrious Hen Company

617 GAY STREET, KNOXVILLE, TENN.

Vol. 2 SEPTEMBER, 1905 No. 4

The Industrious Hen is issued promptly on the first of each month. It furnishes the latest and most authoritative information obtainable on all matters relating to the Poultry industry, Live Stock breeding and intensive farming. Contributions that are practical and pithy are solicited.

BLUE WRAPPER.

If your paper comes to you in a blue wrapper you will know your subscription has expired, and will be discontinued unless remitted for at once. Do not miss a number but renew now.

SUBSCRIPTION RATES

One year, 50 cents. Payable always in advance
 Sample copy free.

ADVERTISING RATES

Furnished on application. The value of *The Industrious Hen* as an advertising medium is unquestioned. The character of the advertisements now in its columns, and the number of them, tell the whole story. Circulation considered, it is the cheapest Poultry journal in the United States to advertise in. Advertisements, to insure insertions in the issue of any month, should reach this office not later than the 25th of the month preceding.

Breeders' Plain Cards will be run at the rate of one cent per word each insertion. Numbers and initials count as words. No card taken for less than 25 cents.

The Industrious Hen reserves the right to reject any advertisement for cause.

Having acceded to your request by extending the time in which you may take subscriptions at ten cents it is but fair that you hustle a little for the HEN. If every old and new subscriber will get out and get up a club and send it to us the circulation of the HEN will be such that you will be surprised at the figures. Many have sent us lengthy lists and they have come from Michigan to Texas and Virginia to California. Athens, Tenn., so far, leads with Petros, Tenn., and Charlotte, N. C., close seconds. Hustle for the HEN and then expect her to give you results from the generous feeding.

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The editor of this journal has received his commission from Gov. John I. Cox as a delegate to the National Farmers Congress which meets at Richmond, Va., September 12-22. This Congress is made up of representative men from all over the United States and is looking into every phase of farm life with the view of promoting the best interests of the farmer. It will be a pleasure to the editor to do the bidding of his excellency, the Governor and D. V. he will be present at that meeting. This action of the Governor is a distinct and direct compliment to the poultry industry of the state.

National Farmers' Congress

Human nature is the same the world over. People can be led but not driven. To become dictatorial and issue mandates that are couched in such language that they seem to demand certain things brings out all the rebellion in one's nature. To get best results in any association of men there should be harmony of thought and of action. This can be gained only by a quiet appeal to reason and a logical presentation of facts. Bluster and a demand that because you are the weaker you do as I say will never be productive of good. The poultry associations need leaders—not drivers, and success will be assured.

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The open letter from Mr. Branch, of Chalk Level, Mo., to the editor should be read and studied by every poultryman. The differences between Mr. Branch and those who antagonize him are not differences in fact. They all grow out of the use of words. I do not think that there is a breeder of pure bred fowls anywhere but that will in a large measure endorse what is written. When I use the word "fancier" I do not restrict it as Mr. Branch would have us do, but apply it to those who study to increase the producing powers of their flocks by scientific research into all of nature's laws governing prepotency, etc. To these men, and their name is legion, I bow in profound respect.

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One of the most serious drawbacks to the more rapid development of the pure bred poultry industry is that very many who are engaged in it do not think or speak of it as a business. They seem rather shame-faced when the subject is broached and instead of being enthusiastic over it they begin at once to "make excuse." Any business whose owner is ashamed of it will fail. The time has passed when the poultry business is looked upon as a small thing and one fit only for the "women and children." It is worthy of the study, the capital and the energy of any one. What it needs is to be talked of as any other enterprise and that it may receive from the "doubting Thomases" the recognition it merits let every one engaged in it post themselves fully on its commercial value and then talk it like men.

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Many a time have I wondered if the time would come when a judge of poultry would have to pass an examination and if prices for the work would ever be regulated. The first should be a serious question with the associations and the second a serious one with the judges. The great desire, inherent in human nature, to get something for nothing or else buy it on a bargain counter is often in evidence when the associations employ their judges. They seem to be on a hunt, not for a competent man but for the one who works cheapest and some who profess to be judges are always on the lookout for a junketing trip and if expenses and a pittance over is to be had they are ready to serve you. Associations should select the best men obtainable and not hunt the cheapest. Judges should dignify their office by demanding a reasonable compensation for their services. Study these things, gentlemen.

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THE INDUSTRIOUS HEN has grown beyond the expectations of her friends. They had anticipated a largely increased circulation under the offer made to send it *twelve months for ten cents* and therefore there was printed a large edition for August. This edition was exhausted before the middle of the month. This was encouraging. Her subscription list has over doubled itself since she found a new nest. The mind is still with us to reach *ten thousand* before the holidays. Our friends say "Give us 30 days more and you shall have the ten thousand." The offer can not be turned down. The HEN yields to the demand and

Our Paper Its Growth

will accept subscriptions at *ten cents a year* until September 30th. Now, friends, it is up to you; send them by the hundreds and don't put it off. An extra large edition will be printed for September; but it may be exhausted before your name gets in if you put it off. Act today, tomorrow may be too late to get the number.

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A great many fail to get the full benefit of the truths in the poultry papers because they treat them as they would a daily.

Do Not Skim. They read the headlines, look at the illustrations and if an advertiser glance up their own card and cast the paper aside. None of us are too old to learn and there is no poultry paper published that does not have somewhere

in its pages some seed of truth that will help you if you will but sit down and hunt it out. It is not alone the truth you will find but the thought that it will engender in your own mind. It is useless to say you know it all. The gentleman of that name died last year. It is this self-knowledge, this unwillingness to be taught, to profit by the experience of others that has been the cause of many failures in the business. The man in any other business studies every paper and magazine that bears on his business and our poultrymen should do likewise. Try a study of the pages of your journals and see if you do not learn something.

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"Success is a magic word nowadays. It is on every lip. But what is success? There are many definitions, but perhaps this short and high one of James Russell Lowell's

Success may set us to thinking: "And for success I ask no more than this—to bear unflinching witness to the truth." The HEN hopes to win her success by following Lowell's definition of the word. There is, I am glad to note a praiseworthy effort being made by publishers and editors to banish from their columns the fraud in the advertising field, the huckster among breeders, and the gentlemen who are accustomed to "dream dreams and see visions." The HEN wishes her success as a teacher to rest on the *truths* she teaches. "Pipe dreams" and "fairy tales" may fill the columns of other journals but in these columns I hope at all times to give the homely, and sometimes mayhap not prepossessing, "milk-maid truth" to you. It has been the withholding of the truth and the over-coloring of facts that has led many a man to undertake the poultry business and then give it up in disgust. Don't expect to make a success of poultry without the same care, thought, and attention that you would give to any other business.

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Stealing a feather from the shaft of the arrow of Ex-President Cleveland, in a recent issue of the *Saturday Evening*

Honesty *Post* I desire to apply it to the poultry world. First, **Judges:** Is it possible that we have men who elect and are elected to judge poultry who can be suborned? Have they so little respect for their reputations that they will let friendship dictate or money buy their opinions? If rumors are correct there are men who have their price posing as judges and are spending their time getting in touch with certain ones of "the baser sort" and buying and being bought. That such rumors get afloat is to be deplored, but when there is much "smoke there is usually some fire." A necessity it seems to me is upon us and to have formulated some practical standard to which the judge must reach before he can go out among the people to interpret the "standard." A necessity that must be met and that will look to the qualifications of the man not only as to his interpretation of the "standard" but as to his honesty. Second, *The Exhibitor:* As a rule most of the rumors as to a judge being bought or his dishonesty come from the unsuccessful exhibitor and from the man who has played fast and loose in the hope of winning a few premiums. This

self-same exhibitor is not always honest, for he does not hesitate to use butter-color on the legs of his fowls, to take off a point on the comb or a side sprig and they have even been known to paint the earlobe or stitch it over. A legitimate fitting of the bird is honest but such tricks as the above and many others are dishonest and should not be countenanced. In very many cases the questioning of the judge's honesty is simply a case of "the kettle calling the pot black."

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I was not surprised on reading the list of reputable poultry judges as published in a recent issue of *Poultry Success* to

After Strange find scarcely a name of a Southern man. **Gods** Marshall was there but credited to Ohio, while he belongs to us having cast his lot

with us years ago, when he settled at Atlanta. We find none from Mississippi, although there is Hutchinson, of Crystal Springs, and others; one from North Carolina; none from Tennessee, although we have our own Owen at Athens, who has been for a quarter of a century known not only as an all round judge but the best Brown Leghorn judge in the country and has trained more than one to rightly interpret the standard; none from Georgia, although Loring Brown is there; none from South Carolina although Stephen T. Lea is there; none from Virginia although F. S. Bullington is there and thus I might go on. *Poultry Success* is not to blame but our show folks are. As long as they continue to send away and import each year men to judge their shows and ignore those within their gates they may expect our own men to be unthought of and left out of the reckoning. Study your plans in this line gentlemen and see where they lead.

△ △ △ △

Read our symposium on this subject and then drop us a card or letter as to your views on the matter. Any business

A Southern to succeed must be one that has thorough organization and system as its basis. In this day of competition and combination no business or enterprise takes a leading place in the world

Association that is not from the head center down through all its branches thoroughly organized with every branch doing its work in perfect harmony with every other. *A Southern Association* made up of delegates from all the associations, regularly and duly chartered, made a law-making body and with full power to direct the workings, to fix the dates, to direct in many ways the now rather chaotic workings of Southern Associations is what we need. I would not infringe on any of the rights of the individual association. "State's rights" has always been my platform, but states can and do have their rights under the constitution and so with the various associations, they should have their individual rights under the general constitution. When a meeting is called to perfect such an organization the associations should elect men of brain and brawn in whom they place implicit confidence to represent them and then "abide in peace," knowing that the entire body working in perfect harmony will develop such a plan of procedure as will redound to the "good of the greatest number" and the unification of the greatest single live stock industry in the South. Get on your thinking caps and send us your thoughts. The HEN will aid you all she can—this Southern country, the land par excellence for breeding pure bred fowls, has too long been content to play "second fiddle" when she is a "whole band wagon" within herself.

J. Howard Shedd



EGGS STOLEN FROM OTHER NESTS

An advertisement should be like a kiss—complete within itself, but leaving a desire for further information.—*Exchange*.

* * * *

A flock of uniformly marked birds form a beautiful picture on any farm, where profits, ease of keeping and appearances must all be considered.—*Exchange*.

* * * *

When the time comes that egg records are a part of score cards then the improvement of poultry will really start. Egg records and score cards are strangers as matters now stand.—*M. M. Johnson*.

* * * *

The best time to advertise is all the time. This truth has become the accepted rule of the best advertisers of all kinds and is strictly followed by the best and most successful advertisers of poultry.—*Exchange*.

* * * *

Prominent poultrymen are telling how they think the American Poultry Association can be improved. It is an easy matter to see that it can be and is in need of improvement, but with so much rotten timber in it a thorough reconstruction will be necessary.—*Poultry Standard*.

* * * *

This craze for double mating will become fixed if the new standard describes birds rather than breeds and varieties considered as a whole. What we need is an ideal which will allow the little "back yard" poultryman to have some show for winning prizes from a single mating.

* * * *

The secrets for egg production consist in a good supply of grit, good health, plenty of exercise, pure food, green food, fresh water, cut clover hay and green cut bone, freedom from lice, regularity in feeding, cool houses in summer and warm ones in winter, and breeding only from best laying stock.—*Exchange*.

* * * *

In this vicinity, the poultry fever is a raging epidemic. Old and young, rich and poor are determined to break the "egg trust" by raising their own hen fruit, and to cripple the beef trust, by providing some of their own meat. It is about time the small consumer awakened to this danger and placed a few "dollar savers" in his back yard.—*Exchange*.

* * * *

The late William Cook, of England, once said: "It is utility that the keeper of farm poultry has in view. His standard is, or should be, one made up of table qualities, laying powers, and constitutional hardiness. He may attach more or less weight to table qualities or laying powers, according to circumstances, but both must always be kept in view."—*Poultry Journal*.

* * * *

In selling eggs, even if they go to the corner grocery, they should be sent to market clean and nicely packed. Don't

think the buyer will not notice this extra care. He will. Never send an egg of doubtful freshness to market. Buyers nowadays candle eggs, and the one who always sends eggs which can be depended on to be fresh and all right will soon find a demand for them.—*Exchange*.

* * * *

If you are not absolutely certain which of your hens are among the best layers, you have not got fairly started on the road to success. We have no sympathy for the man who breeds solely for show qualities. What the great public wants and needs is fowls which are of high quality and great productiveness, and the man who breeds for the show room alone does not often produce this kind. "Talking out of meeting," did you say? Sure. Telling the truth, however.—*Exchange*.

* * * *

We have come to the place where we should distinguish between birds that are valuable for egg-production as well as between those valuable for show purposes. There is and always will be a class of breeders who look to utility first and race or breed type afterward. These are breeders in the best sense of the word and they are becoming more numerous every year. Some of these are slowly working for egg-production and breed type both. It is a work where improvement is made only after the exercise of much patience and skill, but such breeders are going to be the ones who are longest remembered.—*Exchange*.

* * * *

The day is not far distant when the fancier will be questioned concerning the egg-producing abilities of his flock of females rather than the possible score. The fancier in the West who can breed up a strain of 200-egg hens will not have to look far for a market for his goods. Many prize winners can not earn their feed in the laying house. The utility bird is the foundation of the whole industry. If one can secure a prolific producer of eggs that possesses fine plumage and good shape he has a treasure. The principal object should be to produce eggs and a plump carcass first and fancy plumage afterwards.—*Exchange*.

* * * *

If the poultry fanciers, breeders and raisers of the United States had an association like the Grange throughout the land, there might be something doing in the poultry business, but so long as a few chosen brethren meet in out-of-the-way localities, and spend their time quibbling over the possession of offices and devoting the resources of the association for the benefit of a few, there will never be any great advancement for the poultry fancy; but when there is a popular uprising demand for the rightful and equal recognition of the poultry interests, then the time will come when they will prosper.—*American Fancier*.

* * * *

A bird that is handled and taught to pose will be liable to get a better score on symmetry than one that is awkward, scared and clumsy. Keep your birds in coops a while before

you show them and take them out two or three times a day and set them on the table. If you keep at it you can teach them to crow every time they are set out. This trick acts on the judge, as does the smile of a baby girl at a baby show and it is quite liable to win a ribbon for a bird. By giving a bird a dainty every time he does crow he will soon learn that if he crows it means a tit-bit and presto! the habit will soon be acquired.—*Mrs. Melette.*

* * * *

State, national and local agricultural institutes of every country are turning untold attention towards the production of cheese. The cheese product of the United States would not come anywhere near the value of the poultry product, yet a state organization would refuse an appropriation of a few thousand dollars to the development of poultry interests that would vote lavish amounts to the building of a cheese factory of the state or locality. This may well be blamed on the individuals interested in the poultry products. If there were a national organization of strength and character, supported by local organizations that were true and faithful to themselves and the interests at stake, the poultry business would stand upon a footing well deserved; but as long as there is no concentration of opinion through a properly organized association, the poultry interest will lag along at the tail end of the procession, picking up what they can find and being content with same.—*American Fancier.*

* * * *

The young fancier who is planning to astonish the world and at the same time make the deal remunerative, must remember that this country is inhabited by a very progressive and practical people, and with us fine feathers "do not" make fine birds; the new variety, in order to embosom itself in the hearts of our people, must be an advance in practical qualities; the smart poultryman will quickly analyze a new type; if it fails at the nest it is doomed, if it wins at the nest and fails at the pan it will have some followers; if, after failing the pan it wins in the oven, it will endure. How many breeds can be said to win at the nest, in the pan, and in the oven? There are very few and there is room for many, and when the wiseacre shakes his head and tells you that the chicken business is overdone, just remember that the same thing was said ten, fifteen, twenty and many more years ago; every year will mark a new generation of successful poultry men and women, and for every one that wins there will be plenty who drop by the wayside; there is in all paths of life a few that win and many who fail, but our student who is experimenting with the idea of establishing a new type has plenty of material to hand, he does not need to spend his all in fruitless waste, for any chickens will pay for their keep if the owner has just ordinary hen sense.—*Poultry Topics.*

* * * *

During these warm summer days it is a good plan for the fancier to get out under the trees and think over the problems that will confront him next show season. The ethics of the show-room are somewhat obscure during summer, but they ought to be hauled out and vigorously dusted. Once an editor of a hen journal gave his readers some summer reading with ethics of the show-room thrown in. The writings we mention were in story form and really good. Ethics straight from the shoulder do not come good to the recipient; and, indeed, if the shoe fits, such straightforwardness leaves a bad taste in the mouth. The past season has taught many a fancier and dozens of show managers a few ethics of the exhibition room, and the only way to profit by the teaching is to apply it. A humorous writer says that one should pull another's birds out of the coop often and break their feathers freely; he should get a "big stick" and knock everything within reach; he should defy the judge, pull stubs from his own birds and discover some in the other fellow's, and in general make oneself thoroughly disagreeable! There are but few who can approach these suggestions in reality, for which the fancy is thankful. A few

grains of common sense, real hen sense, are good seasoners for show-room conduct. Careful habits in the show-room win many business friends and pay well on the investment.—*Exchange.*

SHOW DATES.

Roanoke, Va.—September 26-29.

Lynchburg, Va., October 3-6.

Hagerstown, Md.—J. Scott Bower, Supt. October 9-13.

Georgia State Fair Association, Atlanta, Ga., October 17-21, 1905. Frank Weldon, Secretary. Judge J. H. Drevestadt.

Georgia Farmers' Fair and Live Stock Exposition. Good premiums for poultry and pet stock. Given by Macon Fair Association, October 24 to November 3, 1905. Send for premium list. J. S. Budd, Superintendent; D. M. Owen, Judge.

Mobile Poultry Breeders' Show, Mobile, Ala., November 28-December 1, 1905. F. J. Marshall, Judge. E. P. Hayssen, Secretary.

Charleston Poultry Association, Charleston, S. C., December 6 to 13, 1905. T. J. McCarty, Secretary; Dr. S. T. Lee and F. J. Marshall, Judges.

Huntsville, Ala.—Dec. 11-16, 1905. Jno. L. Hay, Secy.

Monroe, N. C.—Dec. 12-15, 1905. T. P. Dillon, Secy.; F. J. Marshall, Judge.

Birmingham, Ala.—Dec. 12-15, 1905. Chas. Barber, Secy.; S. B. Johnson, Judge.

Atlanta, Ga., December 15-21. C. O. Harwell, Secretary; F. J. Marshall and S. B. Johnston, Judges.

Columbia, Tenn.—Dec. 19-22. R. S. Hopkins, Secy.; F. J. Marshall, Judge.

Cleveland, Tenn.—Dec. 20-22, 1905. A. J. Lawson, Secy.; D. M. Owen, Judge.

Mississippi Poultry and Pet Stock Association, Aberdeen, Miss., December 26 to 30, 1905. Addison Brannon, Secretary.



IN A CITY BACK LOT—*Pin Money Poultry.*

Nashville, Tenn., January 1-6, 1906. Jno. A. Murkin, Jr., Secretary. Judges F. J. Marshall, Loring Brown.

Augusta Poultry, Pigeon, Belgian Hare and Pet Stock Club, Augusta, Ga., January 8 to 12, 1906. J. W. Kellingsworth, Secretary.

Chattanooga, Tenn.—Jan. 10-13, 1906. W. F. Maury, Secy.

Charlotte, N. C.—Jan. 16-20, 1906. W. B. Alexander, Secy.; H. P. Schwab, Judge.

Montgomery, Ala., January 18-19. L. D. Teasley, Secretary; S. B. Johnson, Judge.

Knoxville, Tenn.—Jan. 17-19, 1906. R. S. Porter, Secy.; D. M. Owen, Judge.

LaGrange, Ga., February 5-9, 1906, W. S. Davis, Secretary.

10c in silver or stamps, before the 15th of August, will pay for one year's subscription to the *Industrious Hen*. Regular subscription price is 50c. This offer will not be repeated.

EDITORIAL CORRESPONDENCE

Leaving Knoxville via the Southern Railway intent on seeing what was being done by our poultrymen I soon ran to

SWEETWATER

where I found a cordial welcome from

JNO. F. CHILDRESS

of White Leghorn fame. Mr. Childress, or John as he is familiarly called, is a druggist and at the same time an ardent fancier, one who believes in pure bred, practical poultry that is not only fit for the show room but that will bring in the shekels. Young, enthusiastic, dealing on the square, John is succeeding and his success is to be attributed not alone to his manly qualities but to the fact that the foundation of his flock of Leghorns was the best that could be had. Prizes came his way fast last season and now with a flock of over 400 young ones he is filling orders for young stock and erecting new buildings and yards that he may successfully care for his increasing trade. The boys will hear from John and his White beauties at the coming shows. I stood and admired these beauties of his until I was forced to leave and then I got over to

DR. BOYD'S.

Here I found an enthusiast on Brown Leghorns and the result of his enthusiasm was a handsome even string of youngsters. The doctor is most admirably fixed and will continue to breed the best. The show room will have some of his beauties and he will help make some of the older breeders "quake in their shoes" and get down to their work in earnest. It was time to catch my train and I was away to

ATHENS.

Here I found in waiting Judge D. M. Owen, that prince of good fellows and all round poultry crank as well as judge and was soon made to feel at home in his hospitable house. When Tennessee and Georgia combine forces how can "a fellow" feel other than at home. To say that the hours spent in that delightful home, with the Judge and his charming wife, fled all too swiftly, but faintly expresses the debt I owe. Into the "we sma' hours" we talked and could I tell you all I *learned* you would envy me the more. But the time came when rest must be had and it was not long until I was dreaming of "wing-bars and serrations in comb and stripes in hackle and how many points the cockerel should lose because he is inclined to carry his tail too high." With the early bird I was out, and there they were—those famous Brown Leghorns as bred by Owen—ready for their morning feed and proud of their ancestry and the blood in their veins; then having feasted the inner man I was off with Owen for a guide to see what I could find, and first we saw the poultry house of

MR. L. H. LASATER

who has ideas of his own that if given to the readers of this journal and then applied by them would be worth very much. I shall not attempt a description of his model poultry house, but hope in the future to give you line drawings for your help. Mr. Lasater, full of energy and the "milk of human kindness," is a man among men and when he shall have completed his yards and filled them, as he will, with the best that money can buy you will hear from him. The world would be better if we had more of his kind. Then on a gently rising knoll we found

A. M. PRATHER

busy, bustling, active. A man with an object in view and working to attain that object. With the three Rocks—Barred, Buff and White—and ample room for ranges, Prather is build-

ing up a poultry plant that will be the pride of his neighbors as well as a source of much profit and enjoyment to himself. More, he is working out an incubator idea of his own and has every right to think that success will be his. Watch for him and his birds at the shows; he's coming. After many pleasant words I was off to

GEO. CROWS

and here I found the Light Brahmas that are going to win. Friend Crow is quiet and unassuming but you can "put it in your pipe and smoke it" that he has good birds and will treat you on the square. Then came a buggy ride out to

T. J. GETTIS'

dairy farm where I saw things that made me think "what God has done for this country is abundant" it only remains for man to use what has been so lavishly given; and Mr. Gettis is using it. I can not say now what I want to but defer it for an article—that shall be amply illustrated. Suffice it to say he was that day sending an entire carload of his handsome Jerseys to Old Virginia. Hurriedly I gathered my new subscribers, something like four-score and then pushed on to

CLEVELAND.

I was not long in finding

WALTER RODGERS

hearty and full of chicken talk. Walter will be after the boys with some handsome buffs and after the fall season opens will be with the "cranks" for keeps; and then we found

H. M. LINN

the enterprising editor of the *Cleveland Journal*, just back from Ohio, tired but ready to talk chicken. Linn has them but keeps quiet about it. Better keep your weather eye on him or he will walk off with some of your ribbons.

The evening was gone and I sat on the porch at the Thurston House, a most excellent hostelry and talked chicken to T. P. A. men from Atlanta, Ga., and Cincinnati, Ohio, and enrolled them as subscribers to the HEN. Next morning I found J. N. Varnell and he and I were soon behind his handsome sorrel and over a good pike road—Bradley County has them—we bowled along to the

WHITE HILL FARM

the property of Messrs. Lawson and Varnell, with Mr. Lawson as general manager. Did you ever see things that so surprised you that you could not talk for sheer wonder? Such a plight I was in when I saw the handsome White Wyandottes, the golden beauties in Buff Orpingtons and the graceful carriage of the White Leghorns. Birds there are in the flocks of these gentlemen that will take the ribbons and Lawson knows how to fit them. Over five hundred and handsome they are. The ring of the hammer and the piles of lumber show how they are planning. New buildings, new parks, grove and open are going up right along and 500 breeders will be kept to meet the demand being made on these gentlemen. Honorable business men applying business principles to their work they are destined to have one of the best and most up-to-date poultry farms in the South. I can see the boys stand back and wonder how they did it when they bring in their beauties. From out of the cool and fresh came the luscious watermelon and with mind and body refreshed I had a delightful drive back to the city and a chat with

DR. T. J. MCKAMY

about his Poplar Spring Farm and what he was doing there. Peaches and berries and chickens make the winning combination and what he had and what he is doing will make for you at

no distant day an article full of good illustrations and tell you what common sense will do when made use of. The doctor was a pleasant companion and to break away was not easy but I had to have a look at the flocks of others and away I went to see

PRYOR WALKER'S

Buff Leghorns and Rose Comb Buff Orpingtons. I saw them for myself and had I had a camera I would have had a picture of the lordly bird that heads his Buff Orpington pen. A natural pose that gave you his many good points and his "typical carriage" could not have been cut even the usual "one-half on typical." He is a grand specimen and his mates were fine, the result a handsome flock. I need only say that Mr. Walker breeds Buff Leghorns that satisfy the most fastidious. He has bred them for years and knows how to mate his birds to get the results. It will be a surprise if they do not land the ribbons this fall as they have in the past. They grow better and better and Mr. Walker is to be congratulated on his success. A hearty handshake and some cheery words from this lover of handsome fowls and then I had to be away for my time was up. To all these friends of the HEN I send greeting and assure you that your words of cheer will add new zest to the labor in my effort to give you and the hosts of readers a paper of which you need not be ashamed.

Fraternally,
J. HOWARD SLEDD.

BULLINGTON'S BREVITIES.

F. S. BULLINGTON, ASSOCIATE EDITOR.

While the fowl and chicks are now roosting around in different places it would be a good idea to begin work and fix up your houses and sheds for the fall and winter. Don't delay this until too late.

* * * *

The moulting season is close on us. Watch your fowls carefully during this time, as you can make or break up your layers by misdirected attention, causing them to go through the winter without paying for their feed.

* * * *

Corn, oats, wheat, bran, middling and clover hay are to be found in every town and on every farm in our country. This with beef scraps, grit, etc., which can be easily obtained by mail, make the necessary food to carry your fowls along and in a healthy state.

* * * *

Always give your customer full value for his money, if you do this ten chances to one he will come again when in need of stock. The second and third order from the same customer is what gladdens the hearts of us poultrymen. Isn't it so editor? 'Tis so. (Ed.)

* * * *

Try feeding on one-half ration for ten days, then feed heavily with plenty of beef scraps and a little linseed meal daily. You will find this will help them through the moult wonderfully, making them feather out quick and evenly with plenty of lustre to the plumage.

* * * *

The time is ripe now for you to pick over your flock for the promising youngsters, both in cockerels and pullets. Weed out the culls and market them. Separate the sexes and the birds showing exhibition points pen to themselves, feeding liberally on beef scrap for flesh building and oats for large bone.

* * * *

Who can tell but what many surprises will be sprung at the coming season's shows. Every year some (black horse) comes up and surprises some of us old fellows. If you have not been an exhibitor be sure and patronize the shows, this season

you may be one of those (black horses) and win your share of the first prizes, and then you will be on the road to success.

* * * *

Advertise your surplus. Don't wait expecting customers to look you up. Look up the customers. You must not expect results from the first insertion of your ad, it takes time for you to get acquainted. I remember my first experience in advertising, it was the fourth insertion that brought me my first inquiry and from it I sold stock enough to pay my ad in that paper four years.

* * * *

Look out for the summer complaint of growing chicks, to-wit: "Chicken pox." Clean, well ventilated houses, pure food. Chicks not roosting in damp or filthy places seldom have this dreaded disease, which sometimes goes through the whole flock causing heavy and miserable losses. Should you find any showing symptoms, separate at once from rest. Give a spoonful of castor oil and anoint head and wattles with the following ointment: 1 spoonful lard, 1 spoonful vaseline, 10 drops carbolic acid, well mixed. Put this ointment on three times daily and cure will be effected in short time.

McCULLOUGH'S POULTRY POINTERS.

JUST think, it is coming fall again and we will soon find ourselves in the midst of fall and winter shows. Are you going to show this coming season? Why sure. If you don't win it's no disgrace. If you do it's an honor to you and your stock.

* * * *

Going to build a poultry house this year, did you say. If you do do it right.

Don't build a house three times too large for the number of birds you have, nor go to the other extreme and build one three times too small. Avoid alleys, etc., and have as few fixtures as is possible.

You say that all the large breeders have trap nests, alleys and a whole lot of other patents (foolishness) but do you know that the plainer you make your house the better. As for trap nests I have never used them. I think they are all right if a person is right there to watch after them. But for alleys I never took any stock in them. They take up a whole lot of room and make the best place for mites to hide on earth.

* * * *

Are you making any preparations for your next year's breeding pens? If you are not you should be and if you are, let me say a few words in regard to the matter. First, use only your very best birds. Don't sell all your best ones to the other fellow and keep the poor ones yourself. Remember it never pays to be a second-class breeder. Be a first-class one or none. Never breed from a disqualified bird, although it may be very tempting. Don't you do it. Don't mate too large pens. You had better have six or eight good ones than have fifteen or 20 medium ones.

* * * *

What? did you say your fowls had humble foot? No wonder, if you had to jump five or six feet from your roosting place as some fowls do you would have sore feet too.

* * * *

A very good cholera cure is made by taking poke root and boiling it with wheat or corn and then feeding the grain to your fowls. Try it if you are troubled with this dreaded disease.

* * * *

Breed your fowls up to the standard weight.

* * * *

Now is a good time for you beginners to get started by buying last year's breeding birds.

EAST TENNESSEE POULTRY ASSOCIATION

R. S. PORTER, Secretary

DOES a show pay? This question is asked on every hand and is answered both in the affirmative and in the negative. The actual dollars and cents derived from a poultry show will be few but this is not when we must look for the profits. Hundreds of persons, only partially interested in poultry, visit the show where they see thoroughbred fowls and get a copy of several poultry journals. They become interested and begin to look around for some of "those pretty chickens." They see your advertisement and write you an inquiry. You make the sale and have reaped the profit of a show.

* * * *

I will venture the assertion that there will be one hundred more breeders of standard poultry in Knox County after our great show. There will be thousands of mongrel stock go to the table while the chicken houses will be filled with thousands



PIANO BOX HOUSE—*Pin Money Poultry.*

of standard bred fowls. The breeders of today must furnish the start of the breeders of tomorrow so in this way a show is very profitable.

* * * *

Mr. Gray Whites, of Petros, Tenn., has joined the Association. We will look out for Brother Whites with his pit games next January 17-19.

* * * *

Mr. R. B. Ragsdale, of Tulip street, Knoxville, has taken a wise step and united with the East Tennessee Poultry Association.

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Mr. R. E. Gettys, of Hill Avenue, Knoxville, has decided that one must belong to the Association if he is interested in poultry, therefore his name is on our list.

* * * *

Mr. W. W. Bunch, of Petros, Tenn., is with us, thus adding another White Rock Breeder to our list. Brother Bunch is state vice-president of the American White Rock Club and promises to have the club specials here next January 17-19.

* * * *

Let the vice-presidents get busy and secure one hundred members before the premium list is published.

* * * *

We now have some literature concerning our great show and those who can handle it will please communicate with the secretary.

* * * *

We now have fifty-two members on roll.

All honor to Mrs. Sam W. Felknor, of Morristown! She is the first lady to unite with our organization. She writes that the poultry business is good and that she is increasing her plant ten-fold. We hope to meet her at our great show next January 17-19.

* * * *

Mr. Jno. R. Baldwin, Jr., of Rockwood, Tenn., has joined and the executive committee has appointed him vice-president for Roane county. We hope Brother Baldwin will make things happen in Roane.

* * * *

Brother A. M. Wilber seems to be the only vice-president who is working for a large membership. He has sent in three members and is still working.

FAILURES IN THE POULTRY BUSINESS.

H. C. AUSTIN

NE of the prime causes of the many failures in the chicken business is the lack of experience. There are nine out of every ten that have plenty of money and no experience who start a poultry ranch and make a failure. There is not one out of ten but what makes a success that has the experience, love and money to run the business. It is a mistaken idea that there is nothing to do but throw out the feed and the chicks will grow up like toad frogs without any care or looking after.

If you want to make a success with chickens you must start with a small flock and have for your watchword cleanliness and raise a black flag against the lice. These are two of the essentials; then you must learn from the poultry papers how to treat the different diseases should they make their appearance. Do not take the advice of some to use the axe and chopping block on all sick ones, if you do you will soon see where your profits go; rather roll up your sleeves and go to work and cure them, and remove the cause of the disease and that will help you to prevent it in the future. I have been with chickens now for fifty years and have not had any gapes for the last fifteen or twenty years, when I did the feeding myself. Two or three seasons in that time I trusted the feeding to others and I had some gapes until I took them in charge and they soon disappeared. If I knew no more about doctoring a sick chicken than some of our doctors know about treating the human being I would quit the poultry business.

There is good money in poultry and eggs if you know how to get it out, but if you do not it will come out the wrong way. If you have \$500 or \$1,000 to invest in a poultry plant and have not the experience it will pay you to get a good man that has to attend to the chicken end of it. If he knows his business he should double your money in two years and very near it again the third year. An inexperienced man will loose it all in one or two years, as there is more to be learned in the poultry business than there is in the law—outside of trickery—which can not be practiced in the chicken business successfully very long. It is a good investment to put a few dollars in subscriptions for your nearby poultry journals as you will learn much from the experience of others that it would take you several years and cost much more to learn it by your own experience. I learned mine entirely by experience until the last ten or fifteen years, before the day of poultry papers in the South, but since that day I have learned much more that was very valuable from the poultry papers. There is not a season passes but I learn something of value to the business.

EMPLOYING POULTRY JUDGES.

A BREEDER.

THE success of every poultry show depends largely upon the satisfaction given the exhibitors by the judge's work. In the selection of their judge is where every association should use much care and attention. Thoroughly competent men only should be employed. And as a rule we believe it is better to have only one judge. We notice that where one judge is employed the prizes are awarded and ribbons up just about as quick as where two or more are employed. Get the best and most competent judge to be had. Engage him for entire time of your show. Expect to pay him well for his services and then expect his entire time, and good work. It is becoming too much the rule for judges to take more shows than they can officiate at without putting in about half time at each. They will run in, go to work hurriedly before things are in shape, get through and skip out before the show is half over. The secretary and executive committee are left to settle all kicks and unravel all mistakes caused by the hurried work. The judge should remain until the show is over, and be on the ground to help the association in any way possible. Often a specimen is overlooked and is found after the judge is gone. Disputes arise over a score card, etc., etc. Now if the judge remains until the show is over, the association will find it a great benefit to all, both to the exhibitors and show management. If any specimen has been overlooked he is there to score it, if any dispute arises about any score he is there to settle it. When a judge takes a show he owes it to himself and the association to remain on the ground until the show is over. Exhibitors often come to the show to get information from the judge and find he has left. The purpose of shows is to instruct, and the judge should after the work of scoring is over remain and put in the time giving to the exhibitors such information as they wish, regarding defects in their birds, etc. Every judge should remain and face the exhibitors after his work is over. It will keep down much trouble and annoyance that often occurs to the secretary and committee. In place of employing two or three judges to run in and work a few hours and then skip out and leave the association to patch up all mistakes and disputes, employ only one judge and get the very best and most competent man to be obtained. Engage him for the entire time of your show. Pay him well for his services. Expect him to be on hand promptly at opening of the show, to put in full time scoring until the work is complete and then remain until show is over. A judge should go to the show to work and give instructions and not to have a good time, putting in about four hours a day at work and the remainder of his time having a good old time at the expense of the exhibitors. The judge who will go to the show and be there at its opening, go to work and stay at it until finished, and then show his interest in making the show a success by remaining until it is over, giving his time to giving all the information he can to exhibitors, will find that he is appreciated and he will be employed again.

The association that employs such judges will find their show will give better satisfaction to exhibitors. And the association had better put the amount spent in paying the expense of two or more judges into paying such a judge for his services. Employ one judge, then every exhibitor will know who is to pass on his birds if sent to the show. Let the responsibility for the work all rest on one man and see if you don't get better and more satisfactory work. The judge is the key to the success of our shows. And much care should be given to his selection.

"BE TEMPERATE in all things," applied just as much to poultry men, and even poultry writers, as it does to any one else.

TO PREVENT COMPLAINTS FROM EXHIBITORS.

D. M. OWEN, ASSOCIATE EDITOR, ATHENS, TENN

DURING the past two seasons we have heard many complaints from exhibitors at our poultry shows, reflecting upon the officers of the show, the judge's work, etc., charging fraud, collusion and other things. As a poultry judge I have adopted the following plan, which I put into practice at the last show I judged at Kansas City, where the classes were large, and many exhibitors. I require the management to furnish me a fully competent man to mark the cards. I handle the birds myself, after calling out the cuts on each specimen. I take the card and glance over it to see that my secretary has made no mistake. I then take another specimen and go through same operation until I have finished the class, say of Barred Rocks. I then go to my room and run up all the cards with my secretary, after footing all up, I select and mark the winners. I then go to the secretary and get the ribbons and go and place them myself on the proper coops. The secretary nor any other member of the association has



MOVING TO THE FARM—Pin Money Poultry.

not handled my cards until the prizes are up in the presence of the exhibitors. In this way the show management is relieved of any and all charges of fraud or collusion. The whole responsibility is put where it belongs, upon the judge. I finish up each class as I go in this manner. Generally by noon of the first day the Rock people have all their ribbons up and the public know the winners; by evening of same day I have all the ribbons up on the Asiatics. This leaves less work for the secretary and makes his work much easier. If each association will require their judge to adopt this plan the coming season, there will be fewer complaints.

GIVE flour of sulphur in the feed once or twice a week during the moulting period.

GOOD sharp grit can be made of broken china and broken crockeryware. Don't throw it away when it is unfit for table use.

As only a short time is left in which we can receive subscriptions at 10c a year we ask every reader who is not a subscriber to send his name and ask some one other person to do so. If every friend of the Hen would devote ten minutes in her behalf think what they could accomplish. Our subscription list could be doubled in ten days.

HELP FOR THE HELPLESS.

By J. F. Davis in Poultry Topics.

HERE are mutterings at times about the inefficiency of the poultry press and the inadequacy of obtainable information. One complains that the poultry paper does not help him out of his trouble; another that he has been toyed with by the published methods of the authorities as to feeds and feeding. It is well that these complainants have found voice. Many others have like grievances. I hear it frequently as I go about amongst the people, and there is nothing of surprise about the conditions.

I have been hopeful that older heads and hands would observe the signs and come to the rescue. Whether they are asleep and unconscious of present day concerns, or whether they are indifferent, or unable, to cope with the conditions matters little. They are silent. They have encouraged the admirer, begotten the enthusiast and left the fledgling to "paddle his own canoe" exposed to all the dangers native to the strain and all the false lights of adventurers. The metaphor is mixed, but clean as the day compared to some befuddled poultry men.

Too much emphasis is put in the wrong place. The poultry business is a vocation, an avocation, a simplicity, a complexity,

To avoid disaster, or put off the gray day of circumstance, resort is had to nostrums, vile decoctions, etc. Poultry literature is scanned for the methods of successful men, and a lavish practice of them is begun. The end is sure.

Poultry literature needs to be read with a great deal of grace. There is not so much need of keen discrimination as of good common sense in the consideration of it. Many writers on poultry topics have not a clear grasp of the things they write about. "One swallow does not make a summer," but many poultrymen (?) write as though any of their old hens were a whole poultry plant with additions. There is no "why," no "wherefore," no analysis, no synthesis, no evidence of intellectual activity whatever; it is simply experience without a reason. Experience is good and we should encourage the expression of it. It is interesting to know how the other fellow does it, and helpful as well, but only as experience. This is a big country. The methods that succeed in California or New York may not be helpful in the middle west. A method that is very successful with Leghorns is not likely to prove good with Asiatics. Back-yard methods will not do on the "ranch." There is always, also, the individual characteristics to be reckoned with. The hen is a living organism, a machine if you will get a live one. Between the utility virtuoso on the one hand, and, on the other hand the exhibition crank, each denying and de-



TWO HUNDRED MARCH AND APRIL LAMBS; WEIGHT, 75 TO 100 POUNDS EACH; CROSS BETWEEN SOUTHDOWN AND MOUNTAIN STOCK RAISED ON SOUTHERN RAILWAY.

a back-yard gold mine, an immense plant, in short "any old thing." And it is! It is just what one makes it, neither more nor less. But the unfortunate thing, the wrong is this, the changes have been rung on the possibilities of poultry, the importance and capabilities of the man have been ignored. The results have been as disastrous as the point of view is unwise. No one doubts the possibilities of poultry, but the really important factor, the indispensable factor, is the man. Some people are as chic in the poultry yard as a monkey on a throne. They have no conception of the duties, no enthusiasm in doing them, no adaptation whatever. They are in the business simply because it seems to offer a cheap and easy way to gather shekels. It requires no prophet to read their horoscope.

Every one knows that animal husbandry demands special qualities. Some persons realize that it would be lunacy for them to take up certain breeds of horses or cattle or hogs, but few, if any, seem to realize that they are not equal to the task of successful poultry culture. "Any one can raise chickens," any variety of chicks, therefore, regardless of aptitude for the business, or disposition of the fowls selected, many rush in where wise ones would fear to go. Presently difficulties arise.

riding the other, his theories, purposes, virtues, it is no wonder that the novice feels like a lamb before his shearers.

There is a way out that is safe, sure and immediate. Let every poultryman cultivate his creative faculties. Certainly every poulterer should be an original investigator of his own flock. He should seek information, much more should he devote himself to the development of principles. The real differences and possibilities of men are in their creative faculties. The poultry industry is as yet in its infancy, and very little definite knowledge of basal facts has been gained. Something has been accomplished and is available in pamphlets published by the department of agriculture, by some agricultural colleges, and in books. Some catalogues contain valuable information. Current poultry publications contain many isolated facts that need to be grouped, and enough suggestiveness to keep ones thinking apparatus in continuous service. With these as text books it is not difficult for any poultryman to familiarize himself with fundamentals so far as they are known. But the real study is the subject itself. One may have his head full of facts whose relations are not recognized and be none the better, but really worse because of it. Knowledge must be organized to be

useful. The application of knowledge must be original to be successful. If one has despaired through the multiplicity of methods and advices published in poultry journals, and has thus been driven to draw on his own resources, the service to him has been much greater than otherwise could have been. It is well enough to develop and improve poultry; the real object and success is in the development and improvement of the poultryman.

System in practice is a good thing, but a systematic man is better than any routine of procedure. A little reflection will convince one of the truth of the old adage. "One man's meat, another's poison." One has a supremely successful method of feeding. His very success may be the precise reason another should not adopt it. Experience has proven that broilers and breeders can not be successfully grown by the same method. Rapidity of growth is the object in growing broilers and market poultry, but the breeder should mature without undue forcing. Just what his own flock needs is the problem each breeder must work out for himself.

The poultryman should have faith in himself. Crutches are for cripples; a sound man may use helps until, and in such a way that, they make him helpless. We do not realize our powers, therefore we lose confidence in ourselves. Every poultry breeder who has achieved success has had a hard road to travel. He got to the top because he believed he was built to get there and claimed the right. These spectres, ghosts, hobgoblins that affright the hesitant novice will fly away when he refuses to turn back, cry aloud for help or give way to fear.

READY FOR BUSINESS.

AS PREVIOUSLY announced the Poultry Press Association held its first annual meeting at Indianapolis, Ind., July 19, at which time permanent organization was effected. The meeting was one of harmony throughout and every one in attendance seemed to feel that a start had been made in the right direction and would in the end result in much good being accomplished. Several important resolutions were presented, but as all those who had expressed a willingness to join the association were not present at this meeting it was agreed that a vote of these be taken by mail.

The election of officers resulted as follows: President, Geo. E. Howard, Washington, D. C.; Vice-President, Theo. Hewes, Indianapolis, Ind.; Secretary, J. F. Schureman, Chicago, Ill.; Treasurer, Frank Heck, Chicago; Executive Committee, Grant M. Curtis, Buffalo, N. Y.; H. P. Donocan, Toronto, Canada; Chas. C. Jones, Tacoma, Wash.; E. B. Cogshall, Denver, Colo.; J. Sleeper, Peotone, Ill.; J. H. Sledd, Knoxville, Tenn.; A. D. Hosterman, Springfield, Ohio.

The following papers were represented and their editors and managers took part at two sessions held by the Association:

American Fancier and Feather, Washington, D. C., Geo. E. Howard and T. F. McGrew. *Poultry*, Peotone, Ill., J. Sleeper. *Commercial Poultry*, Chicago, Ill., J. F. Schureman. *Successful Poultry Journal*, Chicago, Ill., Frank Heck. *Poultry Success*, Springfield, Ohio, A. D. Hosterman. *Fanciers' Gazette*, Indianapolis, Ind., W. C. Pierce and E. A. Pierce. *INDUSTRIOUS HEN*, Knoxville, Tenn., J. H. Sledd. *Grit and Steel*, Gaffney, S. C., represented by Dr. H. P. Clarke, Indianapolis, Ind. *Inland Poultry Journal*, Indianapolis, Ind., Theo. Hewes.

The following papers had forwarded letters to the secretary desiring to become members of the association and in the majority of cases submitting their ideas as to what course it would be best to pursue in the forming of an association of this kind:

American Poultry Journal, Geo. E. Bates; *American Poultry Advocate*, C. DePuy; *Ohio Poultry Journal*, J. C. Ely;

Poultry Herald, E. W. Rankin; *Western Poultry Journal*, E. E. Richards; *Canadian Poultry Review*, H. B. Donovan; *Midwest Fancier*, C. S. Hunting; *The Poultry Advocate*, J. W. Cadwall; *Oxington Poultry Journal*, Percy A. Cook; *Progressive Poultry Journal*, J. N. Crow; *Poultry Keeper*, Fanny Piggott; *New England Poultry Journal*, D. L. Hondlow; *Poultry Standard*, R. N. Clark; *Reliable Poultry Journal*, F. C. Hare and Grant M. Curtis; *Southern Poultry Courier*, H. S. Budd; *Poultry Life of America*, H. B. Savage; *Pacific Poultryman*, Chas. C. Johns; *Western Poultry World*, E. B. Cogshall; *Poultry Item*, H. H. Fricks; *Poultry Gazette*, G. D. McClaskey; *Poultry News*, Paul F. Williams; *Grit and Steel*, Ed. H. DeCamp; *Southern Fancier*, H. F. Reils.

In view of the fact that these papers had expressed a willingness to become members of the Association, they were unanimously voted in as members. However, should any of them fail to forward to the treasurer the amount of the initiation fee, \$5.00, within a reasonable length of time their names will be stricken from the list and should they desire to become members of the Association at any future time they will have to present their applications in the regular form. It is to be hoped that all American poultry papers will become members of this Association and work for advancement along the lines laid down at the Indianapolis meeting.

On July 20 the *Inland Poultry Journal* and *Fanciers' Gazette*, both of Indianapolis, entertained the Poultry Press



THE BEST OF FRIENDS.

Association and incubator manufacturers at a banquet and boat ride at Broad Ripple park, a suburb of Indianapolis, and Theo. Hewes says, 'the members were so taken with it that each and every one of them was unanimous in their choice of returning to Indianapolis on about the same date next year.'

The time and place for holding the next annual meeting was not decided, but this will be done later by vote.

We have previously stated that some of the objects of this Association are to create a more harmonious feeling among the publishers and editors of poultry papers, to regulate or eliminate entirely from the poultry press the free reading notices—stereotype notices which are nothing more than advertisements—and to weed out if possible all of the dead beat advertisers. If these things alone are accomplished the association will be a good thing, but there are many more things that can, and will in time, be regulated that will be of lasting benefit to the poultry business. Let us all do our part in bringing about these much needed reforms.—*The Poultry Gazette*.

No ten cent subscription will be received after September 30.

AN EXPERIMENT TO ASCERTAIN THE COST OF FEEDING FOWLS.

By W. F. Brittin in *Successful Poultry Journal*.

HAVE not yet seen a good article on the average cost to feed a hen a year, or the average cost to produce a dozen eggs, giving the kind of feed and amount of feed used and the cost of feed. I am keeping a record of the amount of feed required for four of my pens of fowls, and the record was started the first of January, this year. I expect to keep it up for the entire year. The chickens in these four pens are all Barred Rock and S. C. Brown Leghorn pullets and are all standard bred stock.

I use incubators to hatch all my chickens, and artificially brood them after they are hatched. I begin to hatch about the first of February and usually have the pullets laying about the first to the fifteenth of October. I will give to the readers of the *Successful Poultry Journal* the results of my test for the past five months, giving in detail, as far as possible, the method I used and the way I feed: I will also show a copy of my record sheet to date, which shows the number of chickens in each pen, number of eggs laid by each pen for each month, total eggs laid for the five months by each pen and amount and kind of feed used; also cost of feed for each month.

NUMBER AND KINDS OF FOWLS.

Pen No. 1 contains 12 Barred Plymouth Rocks.
Pen No. 2 contains 12 Barred Plymouth Rocks.
Pen No. 3 contains 12 S. C. Brown Leghorns.
Pen No. 4 contains 12 S. C. Brown Leghorns.

EGG RECORD.

	Pens			
	No. 1	No. 2	No. 3	No. 4
January	157	154	159	160
February	161	159	168	169
March	175	176	182	185
April	189	190	201	205
May	202	200	213	219
Total	884	879	923	938

AMOUNT AND KIND OF FEED USED.

January—190 lbs. wheat at \$1 per hundred; 70 lbs. ground feed at \$1; 87 lbs. cracked corn at \$1; 30 lbs. oats. Total cost	3.77
February—210 lbs. wheat; 72 lbs. ground feed; 85 lbs. corn; 30 lbs. oats. Total cost	3.97
March—185 lbs. wheat; 69 lbs. ground feed; 80 lbs. corn; 27 lbs. oats. Total cost	3.61
April—179 lbs. wheat; 67 lbs. ground feed; 71 lbs. corn; 28 lbs. oats. Total cost	3.45
May—173 lbs. wheat; 69 lbs. ground feed; 53 lbs. corn; 26 lbs. oats; 50 lbs. grits for five months, 38 cents. Total cost	3.59
Total cost of feed for five months	\$18.39

SUMMARY.

Total number of hens, 48.
Total number of eggs laid in five months, 3,624.
Total cost of feed for 48 hens five months, \$18.39.
Average number of eggs per hen in five months, 75½.
Average cost of feed per hen for five months, 38 cents.
Average cost of eggs per dozen, 6 cents.

In the summary the record sheet shows total cost of feed, total number of chickens, total number of eggs laid, average cost per dozen eggs and average number of eggs per hen and average cost per hen.

My method of feeding is as follows: In the morning I give a mash and have it warm in winter and cold in summer. One quart is fed to each pen of twelve birds. The mash is made of equal parts of bran, ground feed and middlings, and twice each week I give ground green bone in the mash, and once each week one-half pound of a condiment that I make, which is composed of five pounds ground charcoal, ten pounds linseed meal and one pound of red pepper. At noon I feed one quart of oats and cracked corn, "equal parts" to each pen, and

at night one quart of wheat to each pen. In the winter I vary the quantity of feed some on short, dark days; but if one expects to get eggs in the winter he must provide enough food to furnish heat for the hens and material for the making of the eggs, but keep them at work scratching for all the grain they get. If the hens are kept busy scratching for grain they will keep healthy.

I confine the hens in the house all the winter, but keep the doors and windows open, except on very stormy days. The doors and windows are on the south side of the pens.

The pens are 8 x 10 feet on the inside and runs 10 x 100 feet; each pen is partitioned with wire, the roosts and dropping boards are suspended from the ceiling, and boarded up on three sides and part way down in front. During the winter all grain is fed in a litter of straw six to eight inches deep. The roosts being suspended from the ceiling gives the entire floor space to the hens. During the winter I keep suspended on wire from the ceiling mangel root for green food.

In the winter when I grind the ground green bone for the laying stock I grind each time a lot extra to cure for summer use, so when the hot weather comes I have enough ground green bone cured to last through the summer. I cure the green bone in the following way: I spread it on the floor and sprinkle over it equal parts of air slacked lime and corn meal. All that will be taken up by the bone when thoroughly rubbed in. Then let it stand for 2 or 3 days after which I stir it up again, and at the end of about a week it will be fully cured and dry. I then sift it through a sieve of ⅛ mesh and put the coarse portion in a bag which allows more of the fine part to sift through. Then I again sift it through a sieve made of window screen and the fine particles which sift through this fine sieve consist of the corn meal and lime and small particles of meat. This I use again to cure my next lot of bone, adding more corn meal and lime. At the end of winter I will have enough of the dried meat to last all summer for the old stock. The fine meat and corn meal that has gone through the fine sieve has absorbed a lot of the juice of the meat and is used to feed the small chicks in the brooder, the other size of meat that is separated is used for the chicks after they are older. I get the green bone of my butcher and it costs me nothing.

While it is possible to get at the cost to feed a hen a year or a number of hens, it is very difficult to get at the profit per hen, when you sell eggs for hatching and eggs for market and use a number of eggs for your own incubator and table, but if one has a record of the cost to feed for the entire year, and has kept a close account of all sales of eggs and charged the eggs used for your incubator and table at what they cost or the average cost to produce, it might be possible to get at the profit per hen very closely, but then there is the question, what do you get for the chicks you sell from the eggs you hatch; and what are the chickens worth that you intend to keep? taking into account the fact that you lose some of the chicks in the brooder.

TIME EXTENDED.

On account of the numerous requests of friends from Maine to Texas, and for the very good reason that many had not had sufficient notice, we have yielded to the suggestion, and have extended the time to which 10 cent subscriptions may be received to September 30.

This is an unprecedented offer, as shown by the thousands taking advantage of it, and can not be repeated.

We appreciate the manner in which the readers of the "Industrious Hen" have offered their support, and shall continue to give them the very best poultry journal published anywhere.

POULTRY AND SMALL FRUITS.

C. S. Gorline in *The Poultry Tribune*.

DOES intensive farming pay? Is it possible to live and lay by a little each year from a few acres of ground? Is it possible for a man who loves the sunshine and pure air—who loves flowers and birds and trees and fruit, to leave the maddening whirl of a great city and find peace and quiet and plenty in the suburbs? These questions involve much—very much that must be gravely considered. Much will depend upon the man; a great deal upon the location. The production of the food supply for this great nation is daily becoming of more importance. Our population is increasing rapidly, and each year large numbers of the best and brightest young men and women leave the farms to seek situations in the towns and cities, and add their number to the ever increasing non-producing element. The great cities and towns, and thousands of mining camps, North, South, East and West, all over this broad country, are teeming with millions who produce no food supplies—the food that is necessary for their very existence. These are consumers pure and simple, and they must be fed. How? Principally with the product of the intensive farmer, for which they must pay cash—for poultry, butter, eggs, fruits and vegetables. These products are as staple in the kitchens of the miner, the day laborer, the well to do, and the rich alike, as are sugar and flour in the corner grocery. Each must have them, and the producer of these staples—the man who has some one, or more of them to sell each day, will surely be in a position to do a safe and profitable business; but in this business, as in any other, very much will depend upon the man. He must be a hard worker, and in love with the work, a hard thinker—a man who studies from causes to effect—a reasoner and one who reads. In these days the possibilities of a small plot of land are almost incredible; in the irrigated districts especially, they are simply past belief to one not acquainted with the facts. A farm of ten acres would seem to be a small affair to a man unacquainted with the possibilities of intensive farming, and yet in many instances a good living is derived from less than half that number of acres. The location of course has much to do with the results attained. It would be folly for a man living in a village, or in the country, remote from any of the industrial centers where he was surrounded by people who produce all of these necessities, to expect to make a living from the sale of poultry, eggs, butter, fruit or vegetables. But if located near a large town or city, or any of the great mining regions, he can always find ready sales at good prices for all he can produce. It is not possible in a limited article to give the details necessary to attain success in the production and marketing of poultry and small fruits. It is not possible to tell us how to become an expert poultryman, nor how to become an expert fruit grower. It is only by adaptability, by study, by experience, by love for the work, that one may attain success along these lines, but it is known beyond a doubt, that the right man can not only make a good living for his family from a small plot of ground, but that many do lay up a nice sum of money annually.

Here is the experience of one man, told me less than a year ago, and what John Fisher has done may be accomplished by others. John was a city blacksmith—young, strong and intelligent, but dissatisfied with his lot. A born fancier; his love for his White Leghorn pets caused him no end of trouble with his too near neighbors. He was fond of fruits and flowers, and his little home—paid for by the sweat of his brow—was the best kept in the neighborhood. Year by year went by and John found himself with a family of four children. Increasing expenses made it impossible to lay by anything for old age. The eldest son, fourteen years of age, was well through the eighth grade, and begging to be allowed to seek employment. What to do under the circumstances worried John and his wife—worried them as thousands of other parents, under similar

conditions, are worrying today. Many were the consultations held, and many were the plans evolved by these devoted parents. "We must have a farm," decided John, and the little home was advertised and sold. Eight miles from the city blacksmith shop—out beyond the suburbs proper—a little plot of ten acres was found and purchased; the price agreed upon being \$4,000. John had a little more than \$2,000 in cash, \$1,500 of which went to apply as a part payment on the new home.

"When I went in debt \$2,500," said John, "I did not see how on earth I was ever going to pay out, but we determined to risk it. I bought a horse and buggy, a wagon and a cow, and I hired a man for \$20 a month to work on the place. We had a little five-room frame house, a pretty good little barn, and a good well; there were twenty apple trees and about as many peach trees on the place, and that was all. With the little ready money I had remaining, I bought

100 two-year-old cherry trees at a cost of	\$ 25.00
100 pear trees	30.00
100 peach trees	25.00
25 plum trees, three and four year olds	25.00
50 apricots	25.00
Selected strawberry plants for ½ acre	100.00
Selected raspberry plants for ½ acre	50.00
Selected blackberry plants for ½ acre	50.00
Currants set out	50.00
Gooseberries	5.00
Selected grape cuttings	5.00

A total expenditure for planting\$390.00
And then my money ran out.



FUTURE PRIZE WINNERS.

Each morning, winter and summer, I started from home at 6 a. m., and the boy drove me eight miles to my work, and came for me in the evening. It was pretty hard on us in the winter, but we stuck to it. As my means would admit I bought poultry netting, and the hired man and the boy built the runs and poultry houses under my directions among the little fruit trees, and my White Leghorns thrived and increased. I made enough at the shop to live and pay the hired man. Each year the flock increased and there was ever a ready sale at good prices for the eggs and surplus stock, and often at fancy prices, for before I left the city I had a start from the best birds I could buy.

Three acres of our place was used for pasture for our horse and cow. Then I found it profitable to buy feed for the horse, and we kept two cows. The first year we put in three acres of potatoes from which we realized nearly \$700; the second year we sold about \$50 worth of raspberries and nearly \$100 worth of strawberries. Then we had to have another horse, and the boy and the hired man took turns in going to market. By the end of the fifth year we had our place

paid for. Then it was I decided to quit the business I disliked, and I left the blacksmith shop forever.

I have been on this place ten years and you see what I have accomplished. We now have a good eight-room brick house, a good barn, and thirty houses and runs in which we keep nearly five hundred White Leghorns.

Here are the figures of my last year's business:

Sale of eggs for hatching	\$ 250.00
Breeding stock sold	200.00
Market eggs sold	1,050.00
Strawberries marketed by the crate	1,000.00
300 quarts of gooseberries	15.00
400 bushels of cherries	600.00
100 bushels of apples	100.00
50 bushels of choice pears	100.00
500 crates of peaches	500.00
50 crates of plums	50.00
20 bushels of apricots	40.00
500 boxes of blackberries	50.00
500 boxes of currants	50.00
500 pounds of grapes	35.00

\$4,040.00

Cost of feed for the year about\$1,000.00

Hired man's wages 300.00— 1,300.00

Leaving a net profit of\$2,740.00

We have had a large portion of our living from the garden, the fruit, green, ripe and canned, the butter, eggs and fowls, and we have lived well. When the children need clothes and new shoes, we have the ready cash with which to pay for them. We raise our own pork and kill an occasional beef. We are always busy. Each of the children has an allotted share of the daily work. The eldest boy and the hired man do most of the work, allowing me time to attend to the marketing and to generally oversee the work. Everything is orderly, we are never hurried, and better than all we have a neat sum in the savings bank. We pick the most of the berries ourselves; the rest are picked by our neighbors on shares, which materially reduces the cost of picking. I would not consider an offer of \$10,000 for our little farm today."

Here was a total investment of about \$2,000 in actual cash that in ten years had more than paid for itself, and for the improvements, besides leaving a substantial margin as net profit. Here was a combination that is hard to beat—poultry and fruit. The growing chicks are allowed the range of the small fruits which are in no wise damaged by them. The bushes furnish shade and the chicks keep down the insects, and among the raspberries, gooseberries, blackberries and currants the chicks thrive.

The fruit trees grow in the runs of the adult fowls; the droppings of the fowls enrich the soil in which the trees thrive, and the fallen fruit is consumed by the fowls and converted into eggs. There is consequently no waste.

The combination of fruit and poultry is therefore a good one, and should be worthy of the earnest consideration of any one who has a desire for rural life and a love for such work.

PROVIDE a good open shed for the young turkeys to roost in and don't allow them to wander off. Their value is too great to allow them to take up with the neighbor's flock.

THE reason that women succeed better than men with poultry is that they are more mindful of the little details of the business, and they cultivate the confidence of the hens.

ASSORT the eggs on the farm, save the dealer the trouble and you will not only get better prices for them, but will have a customer for your stock who will always await your coming.

50c will pay for five year's subscription to the Hen if received by the 30th of September.

IF THE fowls have a good range and plenty of insects and bugs it is unlikely that they will need any food to stimulate egg production during the summer, but if such food is needed it can be bought cheaply from the butcher's supply of lean meat.

ONE method of preventing eggs from hatching is to dip the small end of the egg in boiling water for five or ten seconds, and another is to run a fine needle into the large end. Still another is to expose the eggs for fifteen minutes, in a closed box to the fumes of burning sulphur.

THE cockerels and pullets intended for the show room should have generous treatment now, and not only this, but they should be handled from time to time so that they will need no great breaking in when the time comes to fit them for the show room. Give them plenty of food, water and shade and watch them grow.

Do NOT trust your own general observation as to lice and red-mites. Look specially for these insects. Examine chicks for head lice, hens for body lice, roosts and nests for spider lice. Look carefully, lest you overlook them when present. The warm months have dangers enough, without adding lice to the many things that stand in the way of profitable poultry keeping.

Clean out the houses and runs and thoroughly disinfect them.

Watch the grit supply and see that it does not become exhausted.

Spade up the poultry runs and give the birds fresh earth to wallow and scratch in.

Do anything and everything that will make the fowls comfortable and contented.

Clean those water vessels thoroughly; fill them with clean water and place them in the shade.

Sell off all surplus breeding stock; surplus stock eats up profits—a mighty good thing to avoid.

Thoroughly sun the incubator, give it a scalding out and disinfecting before storing it away for the summer.

Burn up all dead carcasses, etc., which should always be done; it is even better than burying them; dogs or chickens can not then scratch them up.

Be careful in feeding fresh cut bones or meat and see that not a particle of it is left to become tainted. Keep the bone cutter scrupulously clean.

Keep the birds, little or big, old or young, scratching for the grain they get to eat. Scratching is one way to poultry success, and one of the shortest ways, too.

Subscribe for two or three of the best and most practical poultry journals, including THE INDUSTRIOUS HEN; or if your subscription is about to expire, send in your renewal.

Keep the green patch well watered so that there will always be an abundant supply of it for the fowls. Alfalfa is exceedingly good and will grow almost anywhere.

Many are sending us 50c and \$1.00 and sending the Hen to five and ten of their friends for one year.



A Southern Association.

"I am for a Southern Poultry Association whole soul, body and strength."—*H. C. Austin, Johnson City, Tenn.*

My idea of a poultry association is to have a good *secretary* and *pay him a salary*.—*C. O. Harwell, Atlanta, Ga.*

It is of great importance that some such association as you speak of in your editorial be organized.—*E. R. Hayssen, Mobile, Ala.*

"In the organizing of a Southern Poultry Association, we are with you on this important matter and we have for the longest thought such an association should be in the good old Sunny South."—*Wilber, Bros.*

I am heartily in favor of a Southern Poultry Association, and will be glad to do all in my power to help form one. If ever the Southern breeders expect to get together, *now* it seems to me is the time. Shove it for all you are worth. Am more than pleased with HEN. She is fast going to the top.—*B. S. Davis, Charlotte, N. C.*

It would be of benefit to us in promoting the breeding of better poultry through our Southland, and it would be the means of having breeders as well as fanciers becoming better acquainted, learning newer and valuable methods, as in vogue on the paying plants. In traveling around I have talked the matter over with several parties and I think the time is ripe. I will do all I can. I am pleased to say that the HEN is by far the best and advancing faster than any other paper we have today and as you know I get about all that are published.—*Dr. F. S. Bullington, Richmond, Va.*

Your editorial in August HEN in regard to a Southern Poultry Association hits the "Bulls-eye" squarely in the pupil. I favor any step that is calculated to advance the poultry interests of this country. I believe a Southern Association rightly managed and working on the lines you suggest would be the means of creating a deeper interest in our "feathered friends" and tend to knit together in closer and warmer fellowship the members of the poultry fraternity and breeders of the South. Your idea meets my approval. Push it home.—*J. M. Workman, Burlington, N. C.*

Relative to your editorial in the August issue of the HEN in regard to the formation of a Southern Poultry Association—made up of representative poultry men of the South, I think the idea a good one, and would suggest the HEN call a meeting of all prominent fanciers at some of the big Southern shows this winter. The poultry industry in the South is assuming monstrous proportions, and there are many important matters that could be governed by an association of this kind, that would be of material benefit to the industry in the South.—*Jno. A. Murken, Jr., Secy., Nashville, Tenn.*

I will not feel right unless I say some things to you about the matter and make

paper. I mean living in Tennessee every fancier and producer of poultry ought to stand by our home paper—you have sounded the key note, and we pledge you our hearty support from now on. If the HEN keeps up her pace our older ones had just as well get a move on or side track for us. I hope to meet you at some of the shows. With very best wishes, and assuring you again of our support.—*J. F. Turner, Algood, Tenn.*

What is Said of the Industrious Hen.

"The publication is one of the best."—*Chattanooga Press.*

"May she live long and cackle loud."—*Poultry Life in America, Belton, Texas.*

"I am well pleased with the paper. It seems like 'home folks.'"—*Dr. E. J. Foute, Trigon, Tenn.*



HOUSES AT WILLOW BROOK FARM, BERLIN, CONN.

up of August HEN. It is with pleasure that we note the rapid improvement in the matter and make-up from every page, and the things that strike best are the editorials. First we certainly wish that the shows could be arranged so that they would not come during the same week; something ought to be done to arrange this important matter. And right on the next, "A Southern Poultry Association," it certainly is due you a vote of thanks for speaking along this line, for sooner or later it will happen and the credit belongs to you. And another important one is "Stick to your paper" and let that paper be a home paper and sectional

"The August HEN is as good as the best and we are certainly proud of her."—*Wilber Bros., Petros, Tenn.*

"Your paper is a dandy now and hope to see you prosper and wax fat. With best wishes.—*H. F. Reils, Atlanta, Ga.*

"The HEN seems to be getting better all the time. Please insert the enclosed ad."—*Edwin J. Steed, Ramseur, N. C.*

"I think you have an attractive publication, and I am very much pleased with it."—*Dr. J. W. Lasley, Burlington, N. C.*

"Your method is a catchy one. We all agree that she is well worth her regular price, but bargains will catch even the

fancier. You have my best wishes for the coming season.—*Washington Waters, Rockville, Md.*

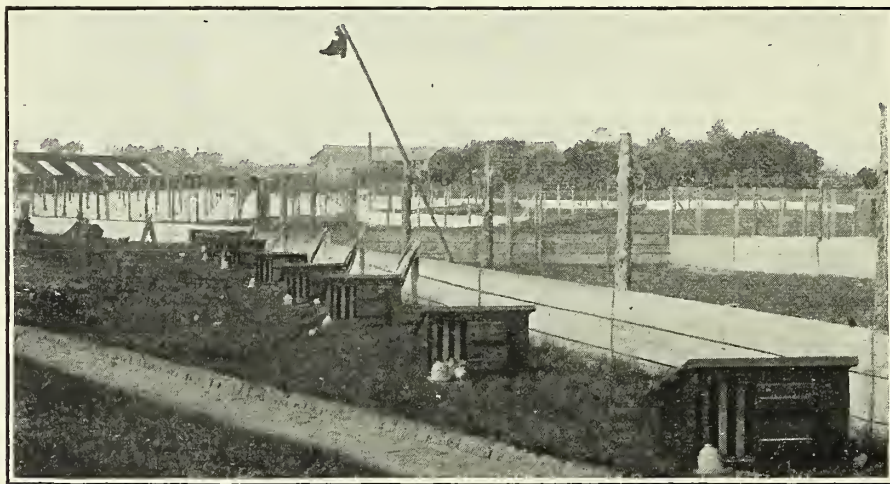
"One sale from my ad in your paper brought sufficient to pay for the ad for a year."—*Julian M. Shipp, Highland Park, Tenn.*

"You are doing a great work in a barren field. Financial fruition is certain in the end."—*J. H. C. Winston, Hampden Sidney, Va.*

"I can frankly say I had rather read THE INDUSTRIOUS HEN than any poultry paper I ever read."—*Jas. A. Maddux, Charleston, Tenn.*

"We extend our congratulation, Bro. Sledd, on the wonderful progress of the INDUSTRIOUS HEN."—*Gulf States Poultry Journal, Mobile, Ala.*

I wish to congratulate you on the very neat and up-to-date appearance of the INDUSTRIOUS HEN for last month.—*A. E. Tate, High Point, N. C.*



BROOD COOPS, WILLOW BROOK FARM, BERLIN, CONN.

"I must congratulate you on the HEN. It's newsy, meaty, and helpful to the 'old fellows' as well as the beginners."—*F. S. Bullington, Richmond, Va.*

"We get nearly every poultry paper published, but find more valuable matter in the HEN than any of the Southern papers."—*C. H. Fries, Salisbury, N. C.*

Your INDUSTRIOUS HEN arrived today. She is a high scoring symmetrical specimen, able to compete for honors in any company.—*G. O. Brown, Parkville, Md.*

"THE INDUSTRIOUS HEN makes a good showing, and should be a success. Tennessee poultrymen should give it their support."—*Michael K. Boyer, Hammononton, N. J.*

"Brother Sledd, the bright light of the INDUSTRIOUS HEN continues to wield his pen in the interest of better poultry throughout the South."—*American Fancier, Washington, D. C.*

"Allow me to compliment you on the handsome appearance and good quality of the HEN. She is a dandy. I strongly endorse Judge Owens' article in your last

issue."—*Jno. A. Murkin, Jr., Nashville, Tenn.*

Want to congratulate you on your (our) HEN. It is the best I have ever seen. I get several but the old reliable HEN is the best and my ad is bringing me orders and inquiries nearly every day.—*C. P. Hale, Sweetwater, Tenn.*

THE INDUSTRIOUS HEN, of Knoxville, Tenn., has materially improved in its make-up order and the quality of printing. It compares favorably with leading poultry journals of the country. J. Howard Sledd is an enterprising Southerner and he is making the paper worthy of the patronage of advertisers.—*White's Class Advertising.*

"THE INDUSTRIOUS HEN is a beauty. Its pages are full of matter of the greatest interest to those interested in poultry. In the industrious hen there are millions, and the object of the editor and publisher of the INDUSTRIOUS HEN is to bring the millions to the front. We do not see how

I like the hen and enjoy her cackle because it indicates a full egg basket. Some poultry authorities(?) claim the fancy and utility fowl can not be combined without sacrificing some qualifications in one or the other. My experience is to the contrary notwithstanding. I have so bred for several years, and now have a strain that I can rely upon to



breed true, and contain both fancy and utility requirements to a high degree; but one or two years will not accomplish that result.—*Frank E. Mather, Bay City, W. S., Mich.*

A Flattering Proposition.

To the Editor:

What do you think of the following account of the production of four Plymouth Rock pullets this spring? No account of eggs not disposed of, but sold nine settings at \$2.00, \$18.00; hatched out 62 at home. All living except a few killed for table use. *Not one died and youngest four weeks old.* The pullets of first hatch in May will be layers in the fall and 10 are worth \$1.50 apiece, \$15.00. The later hatched will not lay till next spring.

We have reduced stock to small proportions but without special effort have quite a stock coming on; about 45. One of the four has laid continuously ever since January, the others not so persistently but have been *next* to the favorite layer. Is *she* the hen your paper is named for?

Yours truly,
B. L. AYCOCK.

San Antonio, Texas.

The above from the pen of Mr. Aycock is certainly a good showing. The editor would, however, utter a caution. What was done with *four* can not be done with the same degree of success with *four hundred*. It is just here that so many fail. They have had excellent results with a few and think that a multiplying of numbers will bring a multiplied success. We believe in the profits in poultry but do not think that any one can rush into the business and accumulate a fortune in a few years. Mr. Aycock has made an excellent start and if he will add gradually to his flock there is no reason why he should not make a success of the business. Let the same care be given the larger flock and report results.—EDITOR.

any person engaged in the poultry business can afford to be without this publication."—*Journal and Tribune, Knoxville, Tenn.*

I received your letter asking for an article but I keep so very busy that I never have a spare minute. Some time I want to write about chilled eggs. This winter I set 150 eggs and hatched 129 chicks. The eggs were in a room where the water and all my flowers were frozen. The fire was accidentally smothered out and outside the thermometer registered eight below zero. So you see an egg will hatch even if it is chilled.—*Miss Florence Forbes, New Decatur, Ala.*

Dr. J. H. Sledd, of this city, editor of the INDUSTRIOUS HEN, has been appointed a delegate to the Agriculturists Convention to be held at Richmond. This has been done in recognition of the poultry interests of the state in which Dr. Sledd takes a deep interest, and for the promotion of which he works without tiring.—*Editorial Journal and Tribune.*

NEVIN POULTRY YARDS,

WARDIN BROS., Proprietors.

R. F. D. 7. BOX 46. - - - - CHARLOTTE, N. C.

Breeders of S. C. Brown and White Leghorns, Houdans, W. Wyandottes, Barred Rocks, Sherwoods, S. C. Black Minorcas, Cornish Indian Games and Pekin Ducks. Eggs for hatching, 15 to setting, \$1.50. Duck eggs, per setting of 13, \$1.25.

Being breeders for the past nine years we are here to stay and have always taken our share of prizes wherever stock has been shown.

We manufacture Incubators, Brooders, Exhibition Coops and Wardin's Flight Arresters. Jersey Red Pigs our specialty. Write for information. Glad to answer questions.

PRIZE WINNING

B. P. ROCKS

I won at Charlotte on 1st ck., 1st hen, 1st pullet, 3d cl; also won silver loving cup, and special for best head on male birds, and 15 special prizes. Eggs \$2 and \$3 for 15. Write for my matings for 1905.

C. C. RANDLEMAN, Ramseur, N. C.

R. C. Brown and S. C. White Leghorns BLACK MINORCAS

A few choice Cockerels from my great laying strain. Good enough for any one. FIVE DOLLARS will get you a Cockerel that will improve your strain. Write me.

FRED AXLEY, R. F. D. No. 1, Philadelphia, Tenn.

GASOLINE ENGINES WATER—LIGHT—POWER

Write for Catalogues and Prices

HENRY R. HOWARD, Knoxville, Tenn.

1894

H. C. AUSTIN, Johnson City, E. Tenn.

1905

... BREEDER OF ...

B. Langshans, L. Brahmas, B. B. R. Game Bantams and Belgian Hares

I make a specialty of the Black Langshans, as I find them to be the best fowl on earth as per my 50 years experience with chickens and 11 years with thoroughbreds of twelve to fifteen different varieties. If you want something fine give me a trial; no scrubs to sell at any price.

I will give a year's subscription to "THE HEN" with every \$3.00 cash order.



Agents wanted.

THE ONLY NEW THING IN INCUBATION

A limited edition of a new book on scientific incubation is now ready for distribution. A copy will be sent you on request, accompanied by your business card. This book explains the theory and construction of the only incubator ever made capable of producing a continuous hatch. Mention THE INDUSTRIOUS HEN.

HACKER INCUBATOR AND MFG. CO.,

3104-12 N. Jefferson Ave.

St. Louis, Mo.

Cleanliness Essential to Success.

I am at a loss what to write just at present. The breeding season is past and the chicks should be so well grown that any one with common sense might succeed in bringing them to maturity. Still many seem to think that their labor for the season is over and they have nothing to do but stand around and see them grow.

This is the time for that negligence which often brings disaster and ruin. A failure to keep their houses well cleaned soon fills them with nauseous and death-producing odors which soon fills the whole flock with disease and vermin. Stagnant and filthy water brings all sorts of trouble. Not long ago a gentleman who raises fine pit games came to ask me what to do for his chickens, they were all dying. I questioned closely as to their sanitary surroundings and advised him to clean up his whole premises, especially his houses and drinking vessels, sprinkle air slacked lime liberally in the houses and see that they drank no water except clean, fresh water from clean vessels. I then gave a simple remedy for his sick birds, telling him if that did not cure them in a day or two to use his hatchet.

I seldom doctor a sick chicken, preferring to use my hatchet on a few and thus stamp out the disease before the whole flock is contaminated. I very seldom have any sick and feel from long experience that cleanliness in everything. Regular systematic cleanliness does more for me than all the nostrums I find in poultry journals and books. I am just as careful and watchful of my fowls now as at any season and it is with pride and delight that I see them develop into pictures of beauty and utility. I have learned that the finest chicken I can raise is also the most useful one. I have demonstrated to our people what fine results can be had from a few really fine fowls but it would take Gatling guns to knock cotton out of their heads and get them to believe that there is money in anything else for them. Still I am having more farmers come to me to see my fowls and talk about raising them than ever before and I think that an omen of good to the poultry industry. I tell them I would raise them if I did not get a dollar out of them, for the pleasure I get out of them.

I sold a gentleman a fine Buff Rock cockerel last winter at what he considered an enormous price. Some time afterward I asked him if he was satisfied with his trade. He said I never knew how much real pleasure a man could get out of a chicken until I bought that one. Why it is worth ten dollars to get up early and see him straighten himself up, with the sun glistening on his golden back, and crow. There are many more just like that man, they do not know the real pleasure they are losing. I like money as well as most men but I have learned that only when properly invested does it bring happiness and that oftentimes I get the most pleasure from what the world calls a folly. There is something really ennobling in it. You may put me down as raising the very finest fowls I can just as long as I am able to attend to them, even if I never sell another chicken.

I am truly glad to note the HEN continues to improve in her new quarters and her eggs are all good.

J. H. CROWELL.

BRIEF MENTION.

Ask Bullington about his White Orpingtons. See adv.

Send for the Hacker Incubator Co.'s little book and read it. You will enjoy it, and be profited by reading it.

The editorial office has had pleasant calls from many friends since last we went to press. They spoke words of encouragement and added many names to our lists.

One of the pleasant surprises that came to the editor a few days since was a shaving mug and hand painted chicks adorned its sides. Such remembrances keep us cheerful and help us in our work.

H. T. Charles, recently in charge of the business end of the Gem Incubator Company, has severed his relations with that institution to become vice-president and New York manager for White's Class Advertising Company.

To see what can be done by one who knows how you should go to Woodlawn Poultry Farm. Be there as the shadows grow long and watch the multitude of handsome youngsters as they come to call. Such a treat was ours a few evenings since.

Among the special prizes recently added to the list of the Tennessee State show, to be held at Nashville, Tenn., Jan. 1-6, 1906, we note two \$35.00 silver cups, one \$25.00 gold watch, several cash prizes of \$25.00 in gold, and a number of \$10.00 gold pieces.

Mr. H. C. Austin, who takes space with us this issue, has been a breeder for fifty years, with eleven years with pure breeds. Mr. Austin on account of his health has not been to any shows of late years, but the boys had better look out for him this season.

Mr. H. A. Nourse, for the past two years associate editor of the *Reliable Poultry Journal*, will assume editorial management of *Poultry Herald* at St. Paul, Minn. Mr. Nourse will assume the duties of editor of *Poultry Herald* the first of September.

R. S. Porter, the efficient secretary of the East Tennessee Poultry Association, will spend the month of September in and around Boston, Mass. We bespeak for him a cordial greeting from every poultry man he may meet. "Bob" is pure gold.

The "Poultry Press," at its recent meeting in Indianapolis, could not have possibly had more congenial hosts than were Messrs. Theo. Hewes and the Pearce Bros. Through the courtesy of these gentlemen many social pleasures were enjoyed by every member of the Association.

Be sure when you go to Sam Coopers that you are in condition for the open-handed hospitality of the "good man" will tax you to keep pace with it. Chick-



We offer a prize of \$50 in gold for best pair (cockerel and pullet)

THE GAINES WHITE PLYMOUTH ROCKS

BRED TO WIN—AND DO IT.

Have never failed to win blue ribbons wherever shown.

WINNINGS THIS SEASON.

The State Fair, Columbia, S. C.—1st ck., 2d hen, 2d ckl., 1st and 2d pen. Charleston, S. C.—Pullets, 1st score 97 1/4, 2d, 95 1/2, 3d, 95 1/4, tie 4th, 94 3/4, and 3d pen; all my male birds in bad feather. Atlanta, Ga.—1st and 3d pullets, 3d hen, 3d pen. Ivory Soap special, \$25 silver cup for best white bird, any age, sex, breed or variety in the Atlanta show. American White Plymouth Rock Club special ribbon for best pullet in show. Free circulars on request. Can spare a few more settings of eggs. Stock for sale till fall.

GAINES POULTRY YARDS,

GAFFNEY, S. C.

E. H. GAINES, Prop'r.,
State Secy. for South Carolina, A. W. P. R. Club.



—IF IT IS—

BUFF LEGHORNS

Here you are. Famous "Arnold" strain; breeding pen headed as follows: "ALBERTO," the famous cock; 9 blue ribbons to his credit. Hens and pullets all prize winners. Eggs and stock for sale. Correspondence solicited. Information cheerfully given.

MARBLE P. POULTRY YARDS,
BURLINGTON, N. C.



BROWN LEGHORNS

First Cockerel, Second Pen, at the
World's Fair, St. Louis, Mo.

Over 100 regular and special prizes at nine great shows. Fine lot of young stock ready for shipment October 1st. Circulars.

E. E. CARTER, 965 Broadway, Knoxville, Tenn.

SANDY RUN POULTRY YARDS

W. D. HARRILL & CO., Props. - - - Ellenboro, N. C.

Breeders of Light Brahmas, Black Langshans, Black Minorcas, Buff and Barred Plymouth Rocks, R. I. Reds, Part-ridge and Buff Wyandottes, Brown and White Leghorns, Belgian Hares.

We have won this season at Atlanta, Charleston, Raleigh and Charlotte, on our birds 43 1st prizes, 32 2d, 27 3d, besides scores of specials. Prices of eggs \$2.50 per 15. We have a few good cockerels for sale, including the 1st and 4th prize winning Part-ridge Wyandotte ckl. at Raleigh, also 1st, 2d and 3d at Charlotte, price \$5 to \$10 each.

HIGH SCORING, PRIZE WINNING

Buff Leghorns

and

Buff Orpingtons

The two most popular breeds for eggs and the table. My Buff Leghorns have been exhibited the past season at Cleveland, Birmingham, Chattanooga, Huntsville, and Atlanta, and have won eleven first, ten second, five third, and three fourth prizes. Stock and eggs for sale at reasonable prices. Any person that buys birds from me has the right to examine them at their express office, and if they are not just as I represent them to be, return them to me at once and I will pay express charges both ways and return to the party every cent paid me and they shall not be out one cent. Who will do you better? Who will do you as well? Send me your orders for stock or eggs.

P. H. WALKER, Cleveland, Tenn.

White Plymouth Rocks

(EXCLUSIVELY)

SEE OUR RECORD.

CHATTANOOGA—1st ckl., 1st and 2d hen, 2d pen.

HUNTSVILLE—1st and 3d hen, 1st ck., 1st and 2d ckl. 1st pullet.

Send order for Eggs from prize winners.

GEO. DARWIN, - - - - - Green Grove, Ala.

Thompson's Golden Beauty Strain BUFF PLYMOUTH ROCKS

SOLID BUFF A REALTY.

Winners at Washington, D. C., Hagerstown, Md., Richmond, Va., Atlanta, Ga., and other large shows. For four years in succession the Golden Beauties have won more first and special prizes wherever shown than all competitors combined. Success is assured to those who breed this strain.

"RASTUS"

SCORE 95

1st prize ckl., Atlanta, Ga., Oct., 1903;
1st prize cock, Hagerstown, Md., Oct., 1904.

"SOUTHERN BELLE"

SCORE 95½

1st prize hen, Atlanta, Ga., Oct., 1903;
1st prize hen, Hagerstown, Md., Oct., 1904.

Leading judges pronounce them the best pair of Buff Rocks every produced. Eggs from Solid Buff Matings \$5 per 15 straight. For the best only, address

GOLDEN PLUME POULTRY FARM CO., Burlington, N. C.

(N. C. State Vice-Pres. American B. P. R. Club.)

Wall's Barred Rocks

Have won the lion's share of blue ribbons past seven years at Southern shows. Huntsville, Ala., Dec. 26-30, 1904, hot competition, 1st, 2nd and 3d cocks; 1st, 2nd and 3d hen; 2nd pen. Scoring to 95 under Brown; 93¾ under Marshall. If you want winners, send to him for eggs. Will sell only a few settings.

Fox Terrier Pups for Sale.

W. L. WALL, Huntsville, Ala.

**FISHEL
STRAIN
World's Best**

WHITE PLYMOUTH ROCKS, Bred in Their Purity

Many youngsters that will be heard from in the coming season shows.

Grand flock of breeding Cockerels that will improve your flock. If it be an Exhibition Cockerel, let us put you right at reasonable prices, or write your wants.

Eggs \$3.00 and \$5.00 per 15.

M. W. BUNCH & SONS, Box B, Petros, Tenn.

Tenn. Sect. American White Rock Club, Members East Tenn. and Tenn. State Poultry Assn's.

Dolan Bros.

5323 Wade Ave., Avondale Route, Birmingham, Ala.

Breeder of High-Class Light Brahmas. Eggs \$3 and \$5 per 15. We have won more prizes on Light Brahmas than any breeder in Alabama. Won at Birmingham Dec. 6-10, 1904, 1st, 2d, 3d, 4th Hens, 1st Cock, 1st Pullet. Tied for 2d Cockerel, won 1st Pen. Special for best display Light Brahmas and best display in Asiatic class.

ens, chickens, everywhere and many good ones are to be seen when their owner stands and calls. Look out, you folks, who are breeding whites and think you have it all your way.

Among the exchanges that come to our desk we watch always for "The Southern Fancier." H. F. Reils is building, or rather rejuvenating it. His guiding hand can be seen in its excellent make-up and pointed editorials. Success to you Reils—the industry in the South needs you and more like you. The HEN has to cackle when she hears your clear clarion call.

The Stansbury's Poultry Yards are advertising some fine S. C. White Leghorns in this month's issue. The editor has met Mr. Stansbury at two of the leading shows of the South, and from his personal knowledge knows he won four first prizes out of five at each show. Any one wishing some fine stock for the show room or breeders, would make no mistake in writing Stansbury. Hunt up his ad.

One of the curiosities seen not long since was at our friends E. E. Carter's. The blue ribbons come to his birds when exhibited and we can not say what would have been the result had he succeeded in rearing the curiosity alluded to. This chick has four perfectly formed wings and as many legs. It is a Brown Leghorn and would do doubt have created a sensation among Carter's aristocrats had it lived.

M. W. Bunch & Son, Petros, Tenn., are among our new friends. These gentlemen are breeding White Plymouth Rocks and have spared nothing in laying their foundation for the business. They tell us, and we believe it that they will be in the show circuit with a handsome lot of birds. They are ready to treat you "on the square." Write them your needs.

The Golden Jubilee of the Hagerstown poultry show will be celebrated at the great fair at that place October 9-13. At the poultry show a large amount in extra prizes will be given. A magnificent loving cup to be called the John L. Cost memorial cup will be given to the exhibitor showing the best cock, hen, cockerel and pullet of any one breed. J. Scott Bower has been appointed superintendent to succeed the late John L. Cost and is using his best efforts to maintain the standard which has made this show the greatest fall poultry show in this country.

The idea that the fancy and the utility must go hand in hand is not doubted by people who are aware of the fact that a bird that is off on weight is cut two points for every pound that it goes below the standard weight given for the breed. A bird to win must weigh.

THE HOSPITAL

Tuberculosis in Chicks.

Tuberculosis in chicks is seldom seen in birds raised with the hen. Old brooders seem to be good breeding grounds for tuberculosis. It is usually in late hatched flocks that this disease appears or in birds put into old, uncleaned brooders. The less sunshine allowed to get into the inside of the brooder the more filth is allowed to collect, the more sure you are of getting a lot of tuberculosis chicks that will be a discouragement to you.

Diarrhea is not a constant symptom in tuberculosis chicks, but is met in many cases. Clean, well aired, sunshine cleansed brooders, are seldom inhabited by consumptive chicks. Whitewash, sunshine, good ventilation, are so cheap that too many poultrymen seldom consider their importance as applied to brooder chicks.—*Poultry Keeper*.

* * *

Remedy for Diarrhea.

A simple remedy for fowls afflicted with diarrhea is recommended by the *Twentieth Century Farmer*, and consists of the following: Take an old burnt kitchen vessel and place on a hot stove empty. Let it get very hot and pour in sweet milk and let both remain on the stove long enough for the milk to thoroughly scorch. Feed this to the fowls, young or old, in clean vessels. You need not remove all water from the chickens while giving this remedy, but do not allow them much, as they may refuse to drink enough of the scorched milk—if given plenty of water—to cure the bowel disease.

* * *

Chicken Cholera Cured.

A small piece of well-cooked corn bread, a liberal pinch of ground black pepper, three or four small pieces of cooked fat meat, several pieces of finely-cut red pepper, four to eight drops turpentine (regulate by age of fowl). Soften slightly, so that it will stick together after mixing thoroughly. Force this down the throats of the fowls. Give plenty of fresh drinking water and keep corn before the fowl all the time. Isolate the fowl and repeat the dose at least four times a day, but give only two or three drops of turpentine after first dose. I have never lost a fowl when treated as above stated. I have cured chickens with a single feeding. One turkey hen was badly diseased, and was cured with four feedings. The entire mixture ought to be about a tablespoonful. Make up just enough for a feeding. I find turpentine fed in corn bred crumbs

PRACTICAL POULTRY FARM

STOCK FOR SALE

From my farm-raised Barred Plymouth Rocks and S. C. W. Leghorns, bred for eggs, size, and standard points, at honest prices.

J. A. DINWIDDIE, New Market, Tenn.

S. C. White Leghorns for Sale

300 PULLETS AND 100 COCKERELS

All bred from birds that won the blue ribbon in the largest shows in the North as well as the South. If you want some birds for the fall shows, I have them at prices that will please you. Satisfaction guaranteed.

STANSBURY'S POULTRY YARDS, Richmond, Va.



Eggs Eggs Eggs

That will hatch and grow you money, from Barred and White Rocks, S. C. B. Leghorns, White Wyandottes and Pit Games at \$2 per 15; \$3.50 per 30; \$7.50 per 100.

Chicks for sale; any age safely shipped any distance. Send us your orders and we guarantee to treat you right. Address

BELLE MEADE POULTRY FARM,

Route 2, BIRMINGHAM, ALA.

Barred Plymouth Rocks and White Cochin Bantams

The kind that will do you good in the show room, or the breeding yard. I won on Barred Rocks at the Charlotte Show, Jan. 16-21, 1905, H. P. Schwab, Judge: 1st cockerel, 2d hen, 3d pullet, 5th cock, 1st pen, 2d collection; 205 birds in class. Eggs from both cockerel and pullet mating yards, \$2.00 for 13.

**HAVE SOME FINE BIRDS FOR SALE AT
PRICES THAT WILL INTEREST YOU.**

My White Cochin Bantams won four of the five firsts. Eggs, \$1.50 for 13. All inquiries receive prompt attention. Your satisfaction guaranteed.

Reference: Charlotte National Bank, and the editor of THE INDUSTRIOUS HEN. Write me.

B. S. DAVIS,

CHARLOTTE, - - - - - NORTH CAROLINA.

East Lake Poultry Farm

BREEDERS OF

Buff Leghorns, Buff Wyandottes and Buff Cochins

EGGS, \$2.50 for 15. Circular free.

B. C. GARMON, = East Lake, Ala.

G. L. WALKER.

K. B. WALKER.

**Barred Rocks, R. C. White Leghorns
and White Wyandottes**

AS BRED BY

WALKER BROTHERS (R. F. D. No. 1) MADISONVILLE, TENNESSEE

Eggs from prize-winner birds, \$1.50 per 15.

SATISFACTION GUARANTEED.

FOREST VIEW POULTRY YARD

Only the best strain is bred. S. C. Brown and White Leghorns, Barred Plymouth Rocks, C. I. Games and White Face Spanish, Light Brahmas, Bronze Turkeys and Poland Geese. Eggs for sale.

J. E. THOMAS, R. F. D. 6, Charlotte, N. C.

White Wyandottes

Chalk White. Large and Blocky.

Eggs \$2.00 for 15; \$3.50 for 30.

C. A. BRYARLY,

Sherman Heights, Tenn.



THEY HAVE CONTRACTED THE HABIT

WHAT? Why of Egg Laying. It could not be helped after being bred to lay nine years by the record system, using trap nests.

BAYNE'S EGG RECORD—WHITE WYANDOTTES.

Blocky, blue-blooded, bred for eggs, farm raised, healthy, hardy hustlers, money makers. The first and longest bred in the South for eggs. Eggs, 15 for \$1.50, 40 for \$3.00, or 100 for \$7.50.

SPECIAL MATING: Hens score 90 to 96. Eggs record 180 to 201. Cock from 201—Egg dam score as ckl. 93. EGGS, 15 for \$2.50, or 30 for \$5.00.

A FEW HENS AND PULLETS FOR SALE

T. L. BAYNE, Cedarcroft, Russellville, Tenn.

very fine to prevent or cure gapes. This was an idea of my own, which has proven effectual whenever used. I was born and raised in the limestone section of Virginia, and cholera is as prevalent there as in Eastern Virginia. I hope others may find this as satisfactory as I have found it.—Mrs. Layton Rodes, in *Southern Planter*.

* * *

Sore Head Once More.

Several letters have come to us during the past month asking for remedies for sore head.

As stated before, this is a blood disease and must be treated accordingly.

A salve of vaseline and carbolic acid will dry up the sores temporarily, but the blood must be treated in order to make a permanent cure.

Sulphur, if fed once a week in the soft food, will prevent its appearance, and will cure those already affected.

A teaspoonful for each twenty hens will be sufficient, and if given regularly there will be no danger of such diseases.

Even where fowls are not subject to blood diseases, a little sulphur will be found very beneficial in keeping them in good condition.

Life is too short to borrow trouble. Do not grow old worrying over the faults to be found in the make-up of the other fellow.

The business man who sits in his office chair and wishes his business were larger ought to try the effect of wishing on a mule like Maude.—*Rusty Mike's Diary*.

Worth An Even \$1,000.

Mr. W. E. Dupree, of Brownsville, Tenn., says:

"It affords me great pleasure to tell of the benefits I derived from taking Liquo-Pepso. It has completely cured me of dyspepsia, a disease I have suffered with for many years. Before I began taking it, nothing I ate agreed with me, I had no appetite, become so weak could scarcely walk across the yard. I took three \$1.00 bottles, and I would not be in condition I was before taking it for an even thousand dollars. I am a living advertisement for Liquo-Pepso and have influenced many friends to use it."

For sale by all druggists.

We call the attention of our readers to the advertisement of the Locke Adder, which will be found in this issue. This is a little machine which one can carry in his breast pocket, for addition, subtraction, multiplication and division. It has been upon the market for only a short time, but is already in use all over the world. The manufacturers claim that its use will effect an immense saving in time, labor and mental strain, besides insuring accuracy in the work, and have hundreds of testimonials on file, from people in all classes of business. The price, prepaid, in the United States, is only \$5.00 or \$10.00, according to the style desired.

The Orchard.

Orcharding promises to be a profitable business for many years to come provided the proper varieties are chosen and the land well cared for. Fruit makes quite a heavy draft on the soil and orchard lands should not be cropped heavily and the trees must be fed and pruned judiciously if good results are to follow. Peanuts should not be such a very exhausting crop provided the tops are returned to the land after being fed as farmyard manure, because the peanut is a legume and ought to gather considerable stores of nitrogen from the air. As a rule it is not necessary to apply more than phosphates and potash to land intended for peanuts unless it is in a very bad mechanical condition, and then possibly some green crop plowed under once in a while where farmyard manure is not available will increase the crop and improve the mechanical condition of the land. Lime is also beneficial on lands of the character mentioned in your letter if intended for either corn or peanuts. Twenty-five bushels will be sufficient for a single application and the lime is as a rule best applied in the fall.

If you get the peanuts out of the way in time put on some winter cover crop like the hairy vetch or crimson clover to be plowed down in the spring for the purpose of enriching the soil. Then, by the use of lime and acid phosphate with a small amount of muriate of potash, you should be able to improve the land. At the last cultivation of the corn, or better still after the corn has been cut and put in the shock, disk the land very thoroughly, and sow the crimson clover at the rate of about 15 pounds per acre. Crimson clover often fails because the land needs inoculation. Being a legume it can gather supplies of nitrogen from the atmosphere provided certain bacteria which live in association with the nodules on its roots are present in the soil. These often do not exist in many southern soils, sometimes because the land is slightly acid and sometimes because of its bad mechanical condition, but more often because they have never been introduced into the soil. Realizing that the matter of soil inoculation is an important question, the experiment station has undertaken to send out cultures for the various legumes at the lowest possible cost to Virginia farmers which amounts to about 25 cents per acre. The idea in sending out these artificial cultures is to determine their real value experimentally, for it has not been clearly established up to the present time, and then if the farmers succeed with the small lots sent out, they can take the inoculated soil thus obtained and scatter it over wider areas and so get the useful bacteria all over their farms. Where you

A Southern Location

FOR YOUR HOME

YOUR MANUFACTURING PLANT

OR YOUR BUSINESS.

Farms in Virginia, North and South Carolina, Georgia, Alabama, Mississippi, Kentucky, Tennessee.

GOOD LANDS AT LOW PRICES.

A Healthy Climate, Long Growing Season and an All-the-Year Working Season.

The South is now making greater progress than any other section. If you would learn about its developments and the opportunities for good locations along the Southern Railway, write for copies of our publications, which will be sent free on request.

M. V. RICHARDS,

Land and Industrial Agent, Southern Railway,

Washington, D. C.

GILLIAM'S

BROWN BUFF LEGHORNS

WINNERS WHEREVER SHOWN

Stock hardy. Eggs fertile, will be properly packed and will produce stock that will please and win for you. EGGS—\$2 for 15; \$3.50 for 30; \$5 for 45. No trouble to answer questions, and I'll furnish the stamp.

G. W. GILLIAM, - - - - - Monteagle, Tenn.

For Sale

Single Comb Brown Leghorns

Birmingham, Ala., Show, Dec. 6-9, 1904, 1st and 2d cock, 1st and 2d hen, 1st, 3d and 4th Cockerel and 2d pen; Chattanooga, Tenn., Dec. 13-16, 1904, 1st and 2d cock, 1st and 3d hen, 1st cockerel, 1st pullet, tie on 1st pen; Anniston, Ala., Show, Dec. 13-16, 1904, 1st and 2d cockerel, 1st and 3d pullet, 1st pen. Circular free.

M. S. COPELAND, Powells Station, Tenn



24 Prizes at 3 big shows in one season. Also every special offered, score 90 to 95.

J. D. HEREFORD

NEW MARKET, ALA.,

BREEDER OF

S. C. Brown Leghorns

Exclusively. Eggs \$1.50 per 15; two sittings \$2.50. Fowls for sale at all times. Prices named on application. Correspondence cheerfully answered.

Don't Trifle With Lice



When the henneries are infested with lice and the poultry bothered with the pests, don't trifle with them. Use CHLORO-NAPHTHOLEUM DIP and kill every last one of them. Then after you have killed the lice, continue to use CHLORO-NAPHTHOLEUM DIP for treating Roup, Leukaemia, Scaly Legs, Chicken Cholera, Chicken Pox, and as a disinfectant.

That's what the prominent fanciers and experts do. You can do the same, and are bound to get the same successful results.

CHLORO-NAPHTHOLEUM DIP is non-poisonous, absolutely safe to use; more economical than even home remedies, and vastly more successful. There are no failures when CHLORO-NAPHTHOLEUM DIP is used.

1 Gallon.....	\$1.50	2 Gallons.....	\$ 3.00
5 Gallons.....	6.75	10 Gallons.....	12.50

WEST DISINFECTING CO. (Inc.)

38 W. Mitchell St., ATLANTA, GA.

∴ Fancy Pigeons ∴

THAT'S
ALL

J. P. Pemberton, Chattanooga, Tenn.

EGGS From Maund's Prize Winning S. C. White Leghorns AT JUST HALF PRICE

for balance of season

Exhibition Mating	\$1.50 per 15
Utility Mating75 per 15

A. T. MAUND, - - - - - Geneva, Georgia.
(State Vice-Prest. Nat'l S. C. W. Leghorn Club)

Why Not Buy Stock Eggs From Prize Winners?

Mrs. R. H. Bell breeds the best in the South. Barred Plymouth Rocks, Black Langshans, White Wyandottes: 15 eggs, \$3. Single Comb Brown Leghorns, Single Comb White Leghorns, Silver Spangled Hamburgs, 15 eggs, \$2.50.

MRS. R. H. BELL'S WOODLAND POULTRY FARM,
Knoxville, Tennessee.

can get soil on which any of the legumes have grown successfully and formed nodules, it will pay to do so as soil inoculation has proven uniformly successful, while the value of artificial cultures has not been fully determined up to the present time.

What your land needs above everything is vegetable matter and deep plowing. Break it 8 or 10 inches deep, but let the process be gradual. If the subsoil is very heavy break it up by the use of a subsoil manure provided through turning under leguminous crops and the judicious application of lime and phosphate; you should be able to build up your soils provided you follow a rational rotation of cropping and do not bring the same crop on the land year after year. There is no land under the sun that will stand persistent cropping in such exhausting crops as corn and peanuts.

If you can not obtain blue grass seed down to orchard grass, tall oat grass and alsike clover and let the land remain under sod for at least two out of three years. These grasses are hardy and vigorous in their growth, make a very good yield of hay and provide satisfactory grazing.—*Andrew M. Soule in Journal and Tribune.*

Poultry and Fruit.

If you have not already done so, this fall is the time to plant some fruit trees in your poultry yard. Any kind will do, but the small fruits are best. Plums, cherries and peaches all make good shade, and the fowls relish the waste fruit which falls to the ground.

Insects which give so much trouble to fruit-raisers are unknown on trees where the fowls are kept.

There will scarcely ever come a year when the trees will not bear abundantly, and the profit from fruit will be greatly increased. The trees will also furnish shelter for the young chicks during rains, and also protect them from hawks which prey on them when kept in open yards.

Plant thrifty trees, and inside of two years they will furnish both shade and fruit.

Dead limbs on trees are not only unsightly, but useless to the trees. Cut them off. On the peach tree it is not difficult to secure new growth in a year or two in place of the dead limbs, as the peach tree will renew itself in a short time, and will also endure severe cutting. Dead limbs may be the signs of disease, and in destroying them the disease may sometimes be checked.

The man who doesn't expect much from his advertisements is never disappointed.

Leghorns or Minorcas—Which Are Best for Laying?

In the May issue of the *Poultry Gazette* "V. M. B." asks: "Which is the best layer, the Minorca or the Leghorn?" to which Brother Ellison solemnly replies: "We could not say just what their record would be under similar circumstances, but one thing in favor of the Minorca is its size of egg."

Now, I will forgive that reply because I know positively that Bro. E. admires each of these breeds—in a mild way—because—well, because they are chickens, even though not buffs—big, beautiful buffs—for what thorough fancier does not admire a handsome chicken regardless of breed?

For a good many years I have been investigating along these lines. I wanted to know—just as V. M. B. wants to know—and I wanted eggs—wanted them badly—just as thousands of other breeders want them and I did not always get them—that is, what I thought I needed—and to this day, I am sorry to say, alas! I don't get all I want—just as thousands of others fail to get all they want, and I went out for information—wrote dozens of inquiries to every prominent breeder in America regardless of breeds kept—crossed the high seas and invaded England, Germany and France seeking for the breed that could show the best egg record under every day conditions, and I received replies by the score.

In instituting these inquiries I was influenced by no prejudices. I was after facts—and eggs—as nearly as I could get them. My preference had been for Barred Rocks and Brown Leghorns—because I liked them—but, I had a near neighbor who kept White Leghorns; he was getting eggs all winter, right along, while I was not—and I liked fresh eggs—I always did—in fact that is a failing I have never been quite able to outgrow—and when my neighbor got an average of nearly two eggs to my one, I did not take kindly to the idea because his birds consumed no more feed than mine and I learned upon inquiry they had not cost him as great an outlay of good hard cash as mine, and that hurt. Two to one I thought wasn't fair—there was something wrong, and I began to send out inquiries.

Many of the replies received were vague; trap nests were not much used and many of the breeders addressed apparently kept but a loose account of the total number of eggs per hen received. However, it soon became apparent that the Leghorns, Barred Rocks, Minorcas and Wyandottes were in the lead in America. In England the White Leghorns were ahead, and, of late years, with the White Orpingtons a close sec-

Payne's Partridge Wyandottes

A SACRIFICE SALE

I now offer three breeding pens for sale. Show record given on each upon request. I can supply your wants this fall with the youngsters that will bring you the blue ribbons, and don't you forget it. My show record at our state fair, Raleigh, N. C., 1904, one cock entered: 1st cock, 2nd, 3rd hen; 1st, 2nd, 3rd cockerel; 1st, 2nd pullet, Mr. C. W. Deny, Judge. Judge Deny remarked, speaking of my first cockerel: "You ought to, by all means, send this bird to Hagerstown, Md., or to the World's Fair. He is the best I have ever had the privilege of handling. They are all O. K."

Eggs \$2 per setting balance of season.

PARTRIDGE WYANDOTTE PARK

J. D. PAYNE, Prop., Lock Box 74, Burlington, N. C.

WHITE QUILLS

I am the originator of this famous strain of prize-winning WHITE WYANDOTTES. Great layers. They have been carefully selected and bred for years, and if you need

WYANDOTTES

for the Show Room or for your breeding yards, I can give you QUALITY at reasonable prices.

My Silver Penciled Wyandottes and Buff Plymouth Rocks are for Sale

Young or old stock, Pairs or Pens.

J. M. WORKMAN

LOCK BOX 81.

BURLINGTON, N. C.

S. C. Buff Orpingtons

The World's Best.

Two pens headed by prize winners. Eggs in season \$3 for 15; \$5 for 30.

I have some fine young Cockerels for sale. Highest scoring Buff Orpington at Birmingham show.

C. W. HALL, - Brookwood, Ala.

Your Opportunity

After May 1st we will sell eggs from "CRESCENT STRAIN" Single Comb White Leghorns at 75c per 15, \$3.50 per 100. And we repeat it's YOUR OPPORTUNITY.

CRESCENT POULTRY FARM

R. F. D. 5

Lebanon, Tenn.

Hale's Barred Rocks

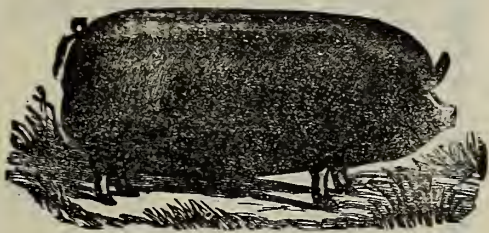
I am now offering 50 yearling hens at a ridiculously low price, considering quality. My 1904 prize-winners included. Several hundred fine youngsters, second to none. If you want something good, write me. The best is the cheapest, and the best is not too good for my customers. First prize winners wherever shown. My fowls have free range.

SATISFACTION GUARANTEED.

WRITE TO-DAY.

C. P. HALE, R. F. D. No. 1, Sweetwater, Tenn.

Duroc-Jersey Hogs---Silver-Laced Wyandotte Cockerels.



As fine Pigs as can be found, and as handsome Chicks as grow.

Write your needs to
J. C. WHITE,
Knoxville, Tenn.



EXHIBITION Barred Plymouth Rocks CHOICE COCKERELS FOR SALE

Yard headed by Brother 1st Cockerel, Providence, R. I., 1904; 2nd, Boston, Mass., 1904-5.

EGGS IN SEASON, \$2.00 PER 13.

MRS. W. R. MADDEN, South Knoxville, Tenn.

SHADE

Shade for chickens in your poultry yard is the most essential thing and it will double the yield of trees. We raise all kinds of Shade, Ornamental, Peach, Apple, Pear, Plum and Mulberry Trees; Grape Vines, Pomegranates, Figs, Roses, Shrubbery, etc., etc.

We can supply you at wholesale prices, in lots of 1 to 10,000 trees. Inspection certificate with every shipment. Catalog free. Address

WAVERLY NURSERIES, Waverly, Ala.

P. S.—We will take poultry in exchange for trees, etc.



**Save
Your
Hogs**

A little expense and time now may save you many dollars. Our Government Hog Cholera Cure never fails. We furnish you working formula with a comprehensive treatment for this disease for 25c stamps or silver. Money back if not satisfied. If your hogs are threatened treat them now.

RUSSELL REMEDY CO.

10 French & Roberts Bld., Knoxville, Tenn.

After September 30, the subscription price to the Industrious Hen will be 50c per year.

MICASHEL

"SILICA POULTRY GRIT"

"Hens' Teeth are Scarce" but MICASHEL makes the best possible substitute, containing as it does, all the necessary constituents for health, digestion, shell food, etc., etc.

It is the sharpest grit that can be produced, yet assimilating so that the fowl gets the benefit of lime, iron, aluminum, silica, etc., which can not be said of trap rock and glass. Manufactured by

THOS. P. KENYON, Edge Hill, Pa.

ond. The Lakenfelders held first place in Germany as did the Houdans in France. In England and in America the Single Comb White Leghorns—those clean, little white biddies were ever in the lead—first, last and all the time. Cheerful, contented and happy—with merry song and busy scratch—always at work, they consumed less feed and laid more eggs than any other variety of any other breed.

One American breeder of White Leghorns reported an average of 226 eggs per hen from one pen; a breeder of White Minorcas claimed four pens with an average of 200 eggs per hen. A prominent breeder of Light Brahmas claimed 175 to 180 per hen and a breeder of Black Langshans claimed 179 for one individual. These reports were from professional poultry keepers who knew how to feed to obtain the best results from their breeds. Other practical poultrymen who kept large numbers of hens on their farms reported a yield of from 150 to 170 eggs per fowl and claimed these birds had been bred and fed for egg production. They were all young hens—less than two years old. *My notes show these reports were received more than sixteen years ago. Within the last two years I have received replies from some of the former parties showing an increased egg yield.* I have recently had reports from the eastern states and Canada from the most prominent breeders of Minorcas, White Leghorns, White Wyandottes and Barred Rocks. In no instance have I received a report from any breeder claiming an average of more than 200 eggs per bird and from one breeder a claim of 216 eggs from a single individual and this was a White Minorca. Two White Wyandotte breeders reported: one an individual that laid 241 eggs and the other an individual that laid 243 eggs with an average of nearly 200 eggs per bird per pen. The Maine Agricultural Experiment Station reports an individual of the Barred Rock type that laid 251 eggs in a year. Under date of February 25, 1905, I have a letter from a prominent Connecticut breeder of White

Leghorns in which he says: "My matings are all selected according to standard requirements and I have many pen averages of more than 240 eggs." From another prominent New York breeder I have a letter under date of January 11, 1905, which reads: "While we have individual laying records as high as 253 to 286 eggs per hen in one year, we have records of over 400 hens in one year in pens of 12 to 16 hens to the pen that average 238 to 267 per hen." From far away England I have a report from one breeder of White Orpingtons in which he states that he has an individual that produced 246 eggs last year in a pen of eight hens, which average 223 eggs per hen per pen. Here are the highest figures of individual egg records claimed received from all these inquiries:

S. C. White Leghorns	286
R. C. White Leghorns	276
S. C. Brown Leghorns	253
Barred Rocks	251
S. C. White Orpingtons	246
White Wyandottes	243
White Minorcas	216
Black Minorcas	207
Light Bramhas	180
Black Langshans	179
Lakenfelders	197
Houdans	190

I respectfully submit these figures for what they are worth. So many reports from widely different sources would seem to indicate that the S. C. White Leghorn certainly heads the list of egg-producing breeds.—*Mr. C. S. Gorline.*

Making a Living in the Poultry Business.

I have traveled about the country a great deal during the last few years and being a confirmed chicken "crank" I rarely miss an opportunity to talk about poultry. It almost invariably happens that where two get a talking about poultry in any public place, such as a hotel office, or a waiting room, that one or more in the crowd will drop into the conversation and begin to discuss the poultry business.

It is evident that there is almost universal desire among the people of this country to own poultry. The man in a large business, the clerk in his office, or the operator in his factory, all look forward to the time when they can own a little farm and breed chickens.

No doubt thousands of people are this minute planning for the time when they can drop their present work and make a living from chickens. This is a phase of the poultry business that I desire to discuss as briefly as possible.

No doubt one man can keep enough chickens to receive a comfortable living from their proceeds, but up to this time but comparatively few are making the poultry business their sole work. In all this country, outside the Petaluma dis-

BUILDING PLANS AND DESIGNS A NEW BOOK



THIS HOUSE COST \$2,000
Fully illustrated in the book

Illustrating Houses costing
from \$1,200 to \$16,000

FULL OF NEW IDEAS
WORTH MORE THAN DOLLARS TO YOU
SEND 50 CENTS FOR IT

M. E. PARMELEE, Architect
OPPOSITE P. O. ON CLINCH ST.
KNOXVILLE, TENNESSEE
Name price of house you desire to build

Advertising in the Industrious
Hen pays. Will be glad to send
you proof.

REDUCED PRICES ON EGGS

On account of the wonderful fertility of my eggs this season, I have already hatched as many chicks as I expected to, and therefore for balance of season will sell eggs from my noted Barred Rock Winners at HALF PRICE.

\$1.25 per 15; \$7.50 per 100

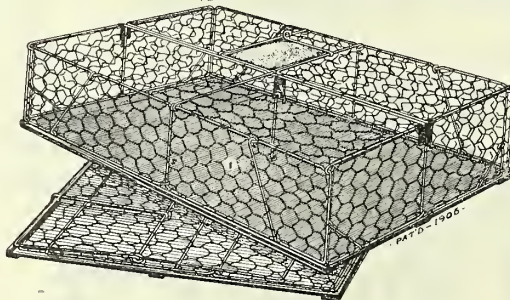
This is a grand opportunity of getting eggs "for a song" from absolutely the best strain of Barred Plymouth Rocks in the South, having won not only scores of regular and special prizes at the leading shows, but also winners for three years in succession of the American Plymouth Rock Silver Loving Cup for best Cock, Hen, Cockerel and Pullet. No other such show record can be produced.

This is the chance of your life if you want the BEST.

A. E. TATE, High Point, N. C.

Hoskins' Folding Coop

For Marketing and Shipping Poultry



Made of galvanized steel wire. Very durable. Two inches thick when folded. Weight 25 pounds.

We also manufacture a rat, mink and vermin proof Brood Coop. Made of No. 27 galvanized steel in sections. Easily taken apart, cleaned or stored. No loss from rats, lice or dampness, and this gain pays for the coop every year. Both coops are patented. Agents wanted.

C. HOSKINS & CO.
318 State St. QUINCY, ILL.

REMEMBER

Bruner's White Plymouth Rocks

Are Bred for

FANCY AND UTILITY.

Large Size, Fine Shape,

Pure White and Great Layers.

Line Bred from the

"Best in the World."

Lots of young stock coming on for the Fall and Winter trade.

Some of our this year's breeding stock for sale.

Write for prices and full particulars.

A. F. BRUNER & SON,
R. R. No. 22 PATOKA, INDIANA

Long View Poultry Farm

Home of Thoroughbred Poultry.

BUFF COCHINS, BLACK
LANGSHANS, LIGHT and
DARK BRAHMAS,
BARRED PLYMOUTH ROCKS,
BROWN LEGHORNS, BUFF
ORPINGTONS, BLACK
MINORCAS, SILVER
LACED WYANDOTTES.

Eggs, \$1.50 for Fifteen.

Address,

Long View Poultry Farm,
Sta. A, ATLANTA, GA.

ANNOUNCEMENT

We have broken up our pens for the season. No more eggs sold until February, 1906. We thank you for past favors and hope to serve you in the future.

C. B. BUTNER & SONS,
RURAL HALL, N. C.

ANGORA CATS White Silk Poodle Dogs,
Thoroughbred Bull Terriers, Collies, Fox Terriers. Correspondence solicited on diseases of Cats and Dogs. Medicines furnished. Established 28 years.

Woodlawn Kennels, Louisville, Ky.

We Engrave Wedding Invitations Announcements, Cards

Our Copperplate Engraving Department is completely prepared to execute, in a superior style, orders for Wedding Invitations, Announcements, Cards and other similar work. Our prices are extremely low and we give the most careful and prompt attention to mail orders.

On Visiting Cards we make the very reasonable price of \$1.25 for Engraved Plate and printing 100 cards, and 90c for printing each additional 100 from same plate.

WRITE US FOR PRICES AND SAMPLE CARDS

Established 1868

Sign of the Big Clock

HOPE BROS.

519 Gay Street

KNOXVILLE

ECES-For Hatching

FROM BLUE RIBBON WINNERS

WHITE WYANDOTTES

SPRING DELIVERY, 15 for \$2.00.

Winners at Birmingham, Dec. 6-9, 1st pen, 1st and 3d pullets, 3d cockerel; at Anniston, Dec. 13-16, 1st pen, 1st cl., 2nd and 3d pullet.

JOHN M. KENDALL, - - - - - Eufaula, Ala.

D. R. MAYO

Farm Seeds, Flowering Bulbs, High Grade Fertilizers

POULTRY SUPPLIES { BONE, OYSTER SHELL,
... GRIT, EGG FOODS.

Bands, Markers, Linseed Meal, Lice Powders, Etc.

Orders by Mail Given Prompt Attention.

D. R. MAYO, 625 Gay St., KNOXVILLE, TENN.

GREEN'S

S. C. Brown Leghorns and Fantail Pigeons always wins. Circular free.

JOHN P. GREENE,

625 E. Fifth St., Charlotte, N. C.

SQUABS

Easily raised, ready for market, in twenty-eight days, 50 per cent more profit, 75 per cent less work than poultry. We are selling the finest Belgian Homer Squab Breeders in America. Information and prices free.

ROSEDALE SQUAB CO.

Eox 72

Tallapoosa, Ga.

trict, there are hardly as many exclusive poultry farms, where poultry is kept for market purposes, as one could count on the fingers of his two hands. Around each of the larger cities may be found those who make a large part of their living from keeping chickens but, as a rule these combine poultry keeping with some other business. They operate market gardens, private dairies, or small fruit farms, and by combining these smaller industries make comfortable living without being under orders of any one.

Even the well known egg farms of the East are operated by men who pursue other money earning occupations. Herein lies one of the peculiar advantages of the poultry business. It "nicks" with almost any other occupation. A man may become a poultry breeder of wide reputation, or he may be able to furnish a special market with eggs and poultry at a high price, without in anyway interfering with his regular work.

A carpenter who lives in a suburb of Chicago keeps poultry and sells eggs at a high price the year through, at the same time working at his trade. He works in the city and brings the eggs in as he comes to work and his customers call for them at a stated place. He told me his hens were paying for his home and that he was expecting some time to give his whole attention to breeding poultry for eggs.

The truck farmer can keep a flock of poultry and find a large part of the food for it in such vegetables as are not fit for market. The small fruit grower will find a flock of chickens of much advantage to him as it can be allowed to run among fruit bushes for a large part of the year. The fowls will scratch around berry bushes and grape vines, keeping the surface fine and free from weeds, and devouring many of the insects that injure the crop.

The orchardist may keep poultry to advantage for the fruit trees will furnish shade for the fowls while their droppings fertilize the land.

No man need give up his dreams as to keeping chickens when his ship comes home. He may look forward to the time when he can own a little chicken farm on which he can regularly count on two crops, one of chickens and another of fruit or garden stuff, and each will be more valuable because of the other. No doubt a living can be made from chickens but it is not necessary to try it, for the chicken business complements almost any other gainful use to which the land may be put.—Poultry.

Sunny Side Poultry Farm

BURLINGTON, N. C. + G. L. ISLEY, PROPRIETOR.

Breeder of high-class, thoroughbred poultry. My pens this season are mated up with an unusually even lot of fine young birds, the best we have ever owned. All of my pens are headed with prize-winning males and females, and are sure to produce some high-scoring exhibition specimens in Barred, Buff and White Rocks, White Wyandotts, S. C. White and Brown Leghorns. Can furnish birds in any quantity to suit customers and why buy cheap and inferior stock when you can buy the best almost as cheap? Eggs from my finest matings at \$2.00 per 15. Other matings, good birds, at \$1.00 per 15. Incubator eggs \$5.00 per 100. All inquiries promptly answered.

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Are as pure as the Morning Dew and White as the Driven Snow. Hundreds of promising youngsters on free range. Satisfaction guaranteed. No culls sold. Write to-day for prices.

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27 Enquiries in 21 Days.

THE HEN seems to do the business of visiting everybody all over the country, as I have had just 27 letters since it came out inquiring for prices and breeding of my collies."—*Alf. Bertling, Atlanta, Ga.*

Concord Fair.

The Concord Fair Association will hold its second annual exhibition at Concord, Tenn., on September 26-30th. This association has the vigor of youth and is doing good work in its chosen field. The visitors are well cared for and the exhibits are a credit to the farmers and housewives of Loudon County. The poultry exhibit will be a good one and much interest is being manifested in this—the biggest single live stock industry in the county—by the good people of Loudon. THE HEN hopes to be there.

Elsewhere in this issue appears the ad of C. Hoskins & Co., of Quincy, Ill., who manufacture the "Farmers Friend Brood

Coop," and also a folding shipping coop. This is the first season the Brood Coop has been introduced and it is giving general satisfaction. It is a sure proof against rats and minks; and lice, as lice will not stay on iron and this coop has no place to harbor them if kept cleaned, and it is easily cleaned. It is only one inch thick when taken apart, so it takes very little space to store them when not in use.

The Folding Shipping Coop is the best made. It has the endorsement of the leading express companies, and they would be pleased to have it in general use. Every farmer and poultry raiser should have one or more as they are always ready for use, and last for years if taken care of. This coop is valuable to merchants who live in inland towns who exchange goods for poultry and haul the poultry to market or to ship, as they can take a load of poultry to market, fold the coops, put them in the bottom of the wagon, or make sideboards of them and bring back the goods.

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PEKIN DUCKS—I have a surplus of extra fine drakes, either last spring or year olds. Write me for particulars. Uriah Butler, Villa Ridge, Illinois.

BARRED PLYMOUTH ROCKS—America's best; Thompson, Hawkins and Bradley strains. Young stock for sale. Write for prices. T. H. Martin, Sandy Lake, Pa.

HIRAM W. HIEGNER, Mohn's Store, Pa., is ready to fill orders for eggs from W. P. Rocks at \$1.25 for 15; poor hatches duplicated at half price.

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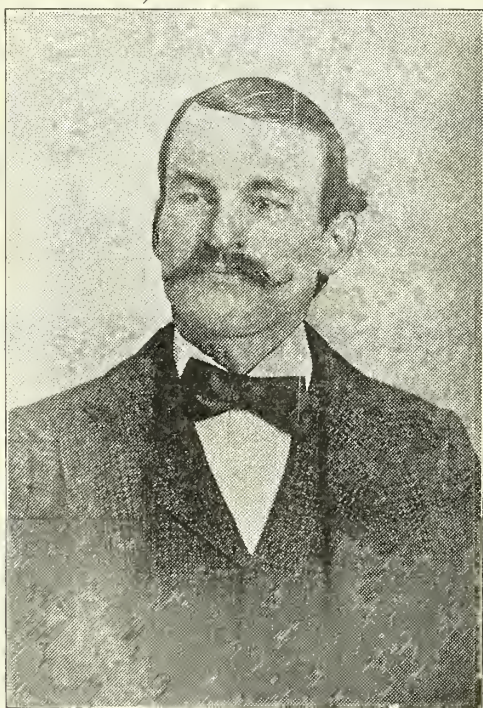
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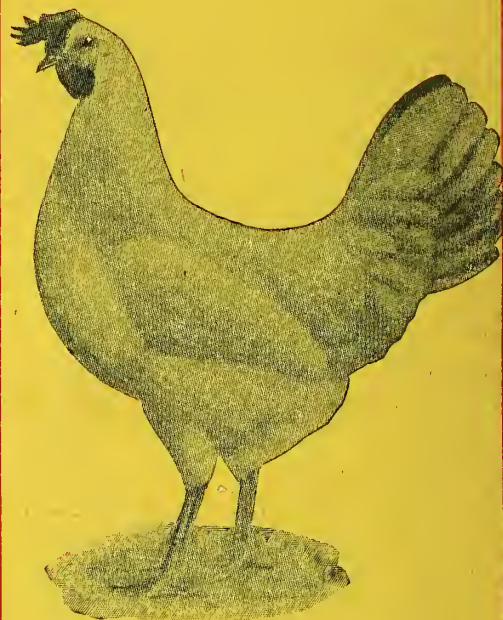
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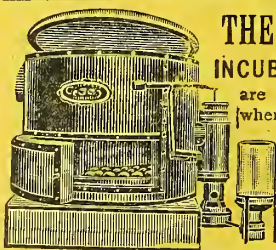
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